FORM 3

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

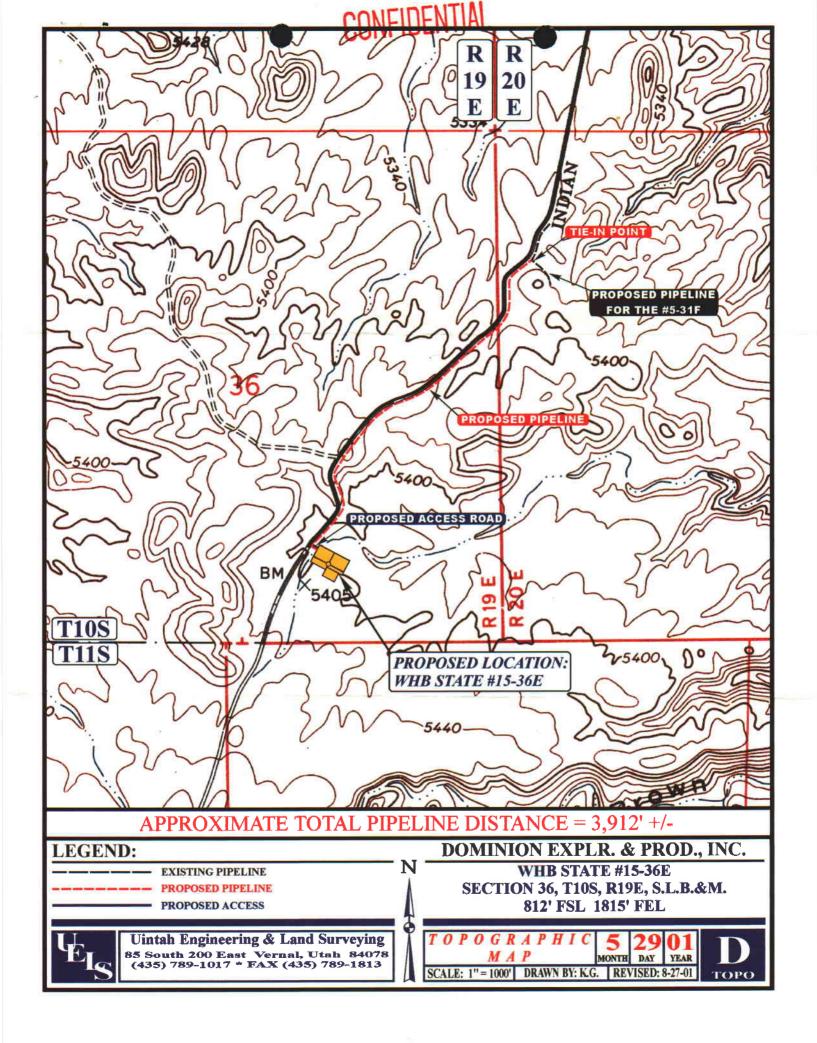
AMENDED REPORT	1 1
(highlight changes)	

				-	
	APPLICATION FOR	PERMIT TO	DRILL		5. LEASE DESIGNATION AND SERIAL NUMBER ML-42175
1A. TYPE OF WO	RK: DRILL X REENTER	DEEPEN			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
B. TYPE OF WE	ELL: OIL GAS X OTHER:	SIN	GLE ZONE MULTIPLE ZON	Æ□	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPE					8. WELL NAME and NUMBER:
146	EXPL. & PROD. INC.	·	PHONE NUMBER:		WHB STATE 15-36E 9. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF 16945 NORT		OUSTON, TEXAS		592	NATURAL BUTTES
	WELL (FOOTAGES)				10. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN:
AT SURFACE:	812' FSL & 1.815' FEL		4417960 N		SW SE Sec 36, T10S, R19E
AT PROPOSEI	D PRODUCING ZONE:		608/817E		SH OL SEC SO, 1103, KISE
13. DISTANCE IN	MILES AND DIRECTION FROM NEAREST TOWN OF	POST OFFICE:			11. COUNTY: 12. STATE:
18.4 mile	s SW of Quray			- *. <u> </u>	UINTAH UTAI
14. DISTANCE TO	NEAREST PROPERTY OR LEASE LINE (FEET)	15. NUMBER I	PF CRES IN LEASE:	16. N	UMBER OF ACRES ASSIGNED TO THIS WELL:
	81	2'	640	1	80
17. DISTANCE TO	NEAREST WELL (DRILBING, COMPLETED, OR R) ON THIS LEASE (FEET)	18. PROPOSE		19, B	OND DESCRIPTION:
APPLIED FOR	R) ON THIS LEASE (FEET)	10,60	oo'	#7	6S 63050 361
20. ELEVATIONS	(SHOW WHETHER DF, RT, GR, ETC.):		MATE DATE WORK WILL START:		STIMATED DURATION:
GR: 5397'		July	5, 2001		28 days
				,	
23.	PROPO	SED GASING A	ND CEMENTING PROGRA	M	A CONTRACTOR OF THE CONTRACTOR
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, O	TITMAUK	, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", 54.5#/ft, K-55	84'	CEMENT TO SURFACE	e de	<u> </u>
12-1/4"	8-5/8", 24/32 # /ft, K-55	3,800'	1000 sx Prem/G		ke e e e e e e e e e e e e e e e e e e
7-7/8"	5-1/2", 17#, N-80	10,600	1784 sx G	1	mage 1
				ימי,	
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					A Company of the Comp
					
24.		***************************************	CHMENTS		
VERIFY THE FOL	LOWING ARE ATTACHED IN ACCORDANCE WITH TI	HE UTAH OIL AND GA	S CONSERVATION GENERAL RULES:	٠.	
X WELL PLA	AT OR MAP PREPARED BY LIGENSED SURVEYOR O	R ENGINEER	COMPLETE DRILLING PLAN	٠.	
	E OF DIVISION OF WATER RIGHTS APPROVAL FOR		1 =		OR COMPANY OTHER THAN THE LEASE OWN
	ace owner State of Utah /	.1 - 1	. Tokas i oreistokar	ENGON	or comment of the consecutive
Ju; sc	des Office Serve of Otall L	Le I Tible	<u> </u>		
NAME (P) FACE	PRINT) Diann Flowers	ſ	mme <u>Regulator</u> y	v Sne	rialict
NAME (PLEASE)	O on M		TITLE <u>REGULATOL</u>	, spec	.141136
SIGNATURE	Many Lower		DATE <u>June 6, 2001</u>	<u> </u>	
This space for Sta	te use only)				Section 1997
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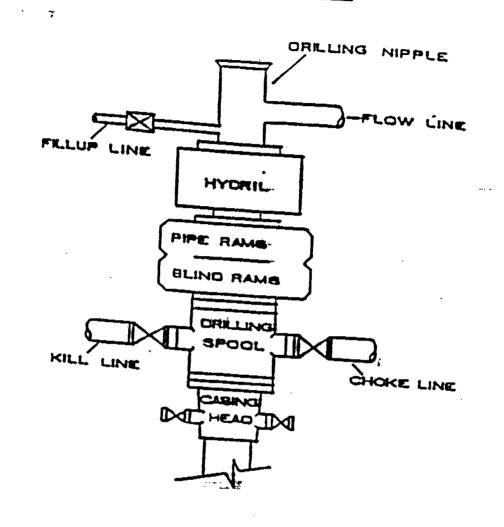
API NUMBER ASSIGNED: 43-047-34/23

APPROVAL:

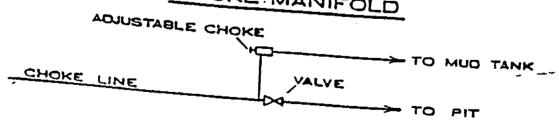
JUN 13 2001



BOP STACK



CHOKE MANIFOLD



SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

Please be advised that **Dominion Exploration & Production**, Inc. is considered to be the operator of Well No. 15-36E, located in the SW ¼ SE ¼ of Section 36, T10S, R19E in Uintah County; Lease No. ML-42175; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by *Travelers Casualty and Surety Company of America*, Bond #76S 63050 340.

Diann Flowers

Regulatory Specialist



DRILLING PLAN APPROVAL OF OPERATIONS

27-Jun-01

Attachment for Permit to Drill

Name of Operator: Dominion Exp

Dominion Exploration & Production

Address:

Four Greenspoint Plaza

16945 Northchase Drive, Suite 1750

Houston, Texas 77060-2133

Well Location:

State 15-36E

Uintah County, Ut

1 GEOLOGIC SURFACE FORMATION

Uintah

2 ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,910'
Green Rvr. Tongue	4,240'
Wasatch	4,400'
Chapita Wells	5,450'
Uteland Buttes	6,250'
Mesaverde	7,365'

3 ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,910'	Oil
Green Rvr. Tongue	4,240'	Oil
Wasatch	4,400'	Gas
Chapita Wells	5,450'	Gas
Uteland Buttes	6,250'	Gas
Mesaverde	7,365'	Gas

4 PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	Conn.	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Conductor	13 3/8"	54.5 ppf	K-55	STC	0,	84'	17 1/2"
Surface	8 5/8"	24.0 ppf	K-55	STC	O,	1,000'	12 1/4"
		32.0 ppf	K-55	LTC	1,000'	3,000'	12 1/4"
Production	5 1/2"	17.0 ppf	N-80	LTC	0,	10,600'	7 7/8"

5 OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

B.O.P. pressure rating required is 3,000 psi working pressure. (Will use 5,000 psi B.O.P. Equipment). Pipe rams will be operated daily and blind rams as possible.

6 MUD SYSTEM

KCL mud system will be used to drill well.

An air mist may be used to drill until first water is seen.

<u>Interval</u>	Density	Drilling M.A.S.P.	Production M.A.S.P.	<u>B.H.P.</u>
0' - 10,600'	9.6 ppg	2,580 psi	2,960 psi	5,016 psi



7 BLOOIE LINE

An automatic igniter will not be installed on blooie line.

A 90 degree targeted bend will be installed on blooie line about 50' from wellhead.

The blooie line discharge will remain 100' from the wellhead.

8 AUXILIARY EQUIPMENT TO BE USED

A. Kelly Cock.

B. Full opening valve with DRILL PIPE connection will be kept on floor.

Valve will be used when Kelly is not in string.

9 TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

A Drill Stem Test in the Wasatch Tongue is possible.

One electric line wire-log will be run from TD to surface.

The gamma ray will be left on to record from surface to TD.

Other log curves (Resistivities, Porosity, and Caliper) will record from TD to Surface casing.

A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10 ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or temperatures are anticipated.

The formations to be penetrated do not contain known H₂S gas.

The anticipated bottom hole pressure is 5,016 psi.

11 WATER SUPPLY

No water pipelines will be laid for this well.

No water well will be drilled for this well.

Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.

Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

12 CEMENT SYSTEMS

A. Conductor Cement:

Ready mix cement filled from surface, prior to rig moving on.

B. Surface Casing Cement:

- a Drill 12 1/4" hole to +/- 3,000", run and cement 8 5/8" to surface.
- **b** Pump 20 bbls lightly water spacer followed by 5 bbls fresh water. Displace with any available water.
- c Run 1" tubing in annulus to ± 200' and cement to surface.
- d Note: Repeat Top Out until cement remains at surface.
- e Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

					<u>Hole</u>	<u>Cement</u>	
<u>Type</u>	<u>Sacks</u>	Interval:	Density	<u>Yield</u>	Volume:	Volume:	<u>Excess</u>
Lead	620 Sx	0' - 2,500'	11.0 ppg	3.34 CFS	1,036 CF	2,071 CF	100%
Tail	380 Sx	2,500' - 3,000'	15.8 ppg	1.17 CFS	220 CF	445 CF	102%
Top Out	150 Sx	0' - 200'	15.8 ppg	1.17 CFS	87 CF	176 CF	102%

Lead Mix: Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 6

lb/sk Inert Course Grannular LCM: Kol Seal, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength additive: BA90, 2% Calcium Chloride accelerator,

20.15 gps water

Pump Time: 4+ hours @ 130 °F.

Compressives @ 150 °F: 24 Hour is 375 psi

APD Page 2

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

Pump Time: 2 Hours @ 120 °F.

Compressives @ 120 °F: 24 Hour is 2,000 psi

Top Out:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

C. Production Casing Cement:

- a Drill 7 7/8" hole to +/- 10,600", run and cement 5 1/2" to surface.
- **b** Lead/Tail cement interface is at 4,000', which is typically 500-1,000' above shallowest pay.
- c Pump 50 bbl Mud clean II unweighted spacer, followed by 10 Bbls 3% KCL spacer.
- d Displace with 3% KCl.

					<u>noie</u>	Cement	
<u>Type</u>	<u>Sacks</u>	Interval:	Density	<u>Yield</u>	<u>Volume:</u>	<u>Volume:</u>	Excess
Lead	440 Sx	0' - 4,000'	11.5 ppg	2.85 CFS	1,036 CF	2,071 CF	1 CF
Tail	#######	4,000' - 10,600'	13.0 ppg	1.51 CFS	1,155 CF	2,029 CF	76%

Lead Mix:

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength ba-90, 3% Potassium Chloride clay inhibitor, 0.05 lb/sk Static Free anti foaming agent, 0.2% retarder, & 16.78 gps water

Pump Time: 5+ hours @ 155 °F. Fluid Loss is 240 cc / 30 minutes.

Compressives @ 200 °F: 24 Hour is 525 psi

Tail Mix:

Prem Lite II HIGH STRENGTH Cement, 1/4 lb/sk Cellophane Flakes LCMI, 3% Potassium Chloride clay inhibitor, 0.7% fluid loss additive FL-52, 0.7% retarder r-3, & 16.78 gps water

Pump Time: 4 Hours @ 155 °F. Fluid Loss: is 100 cc / 30 minutes.

Compressives @ 130 °F: 24 Hour is 2,875 psi

13 ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

15-Aug-01

Duration:

28 Days

APD Page 3

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:	Dominio	on Explor	ation &	Produc	tion, Inc	<u>-</u>	
Well Name & Number:	State 1	5-36E					
Lease Number: ML-421	<u>75</u>						
Location: SW SE	Sec	36	T	10S	R	·	19E

Surface Ownership: UTE INDIAN TRIBE

NOTIFICATION

Location Construction - forty-eight (48) hours prior to construction of location and access

roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing

twenty-four (24) hours prior to running casing and

cementing all casing strings.

BOP and Related - twenty-four (24) hours prior to initiating pressure Equipment Tests

tests.

First Production Notice

within five (5) business days after new well begins

or production resumes after well has been off production for more than

ninety (90) days.



B. THIRTEEN POINT SURFACE USE PROGRAM:

Onsite Information to Accompany APD

- 1. <u>Existing Roads</u> describe the following and provide a legible map, labeled and showing:
 - a. Proposed wellsite as staked and access route to location, including distances from point where access route exists establish roads. (Actual staking should include tow directional reference stakes.) The proposed well site is located approximately 18.4 miles southwest of Ouray, Utah.
 - b. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road. From Vernal, proceed west on Highway 40 about 17 miles to Highway 88. Turn left on Highway 88 and proceed south about 16 miles to Ouray. Continue south on Sea Ridge Road for approximately 9.1 miles. Turn right on Turkey Trail and proceed 1.5 miles to Willow Creek. Turn left and proceed 1.3 miles then turn right across Willow Creek. Go 6.5 miles and turn left on access road.
 - c. Access road(s) to location color-coded or labeled. (See Topographic Map A & B for details.)
 - d. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
- Planned Access Roads—describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
 - a. Length 50 Feet
 - b. Width 30 foot right-of-way with 18 foot running surface maximum.
 - c. Maximum grades None
 - d. Turnouts None
 - e. Drainage design Dry Creek
 - f. Location and size of culverts and/or bridges, and brief description of any major cuts and fills A 24" diameter X 40' culvert will be installed in the access road.
 - g. Surfacing material (source) None
 - h. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities None

(New or reconstructed roads are to be centerline-flagged at time of location staking.)

All travel will be confined to existing access road rights-of-way.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause



siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water, shall be prevented by diverting water off of the road at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

Right-of-Way Application needed: Yes – Ute Indian Tribe

The operator/lessee or his/her successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.

- 3. <u>Location of Existing Wells</u> describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing:
 - a. Water wells None
 - b. Abandoned wells None
 - c. Temporarily abandoned wells None
 - d. Disposal wells None
 - e. Drilling wells State 7-36E
 - f. Producing wells Evans 14-25E, State 4-36E, State 2-36E, State 1-36E, and State 11-36E
 - g. Shut-in wells None
 - h. Injection wells None
- 4. Location of Existing and/or Proposed Facilities
 - a. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):
 - (1) Tank batteries
 - (2) Production facilities
 - (3) Oil gathering lines
 - (4) Gas gathering lines (See exhibit D)
 - (5) Injection lines
 - (6) Disposal lines
 - (7) Surface pits After the well is hydraulically fraced, the well will be flowed back into the surface pits. After first production, a 300 bbl tank will be installed to contain produced waste water. Plans are to run a 2" line from the separator to the 300 bbl tank.

(Indicate if any of the above lines are buried.)

- b. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the District Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)
 - (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
 - (2) Dimensions of facilities
 - (3) Construction methods and materials
 - (4) Protective measures and devices to protect livestock and wildlife

Note: Operator has option of submitting information under 4A and B, after well is completed for production, by applying for approval of subsequent operations.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank batteries will be placed on the <u>east</u>
All permanent (on site for six months or longer) structures constructed or
installed (including pumping units) will be painted a flat, non-reflective, earthtone
color to match on of the standard environmental colors, as determined by the
Rocky Mountain Five State Interagency Committee. All facilities will be painted
within 6 months of installation. Facilities required to comply with O.S.H.A.
(Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

5. Location and Type of Water Supply

- Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description ______Sec 9-T8S-R20E_No. 43-10447
- b. State method of transporting water, and show any roads or pipelines needed.
- c. If water well is to be drilled on lease, so state.

 *The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- a. Show information either on map or by written description <u>Surface and subsoil</u> materials in the immediate area will be utilized to build the location
- b. Identify if from Federal or Indian (tribal or allotted) land. The use of materials will adhere to agency requirements. Construction material will not be located on lease.
- c. Describe where materials such as sand, gravel, stone, and soil material are to be obtained and used. No construction materials will be removed from State land.
 - *If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

*A mineral materials application (is/is not) required.

7. Methods of Handling Waste Disposal

- Describe methods and location of proposed safe containment and disposal of each type of waste material, including:
 - (1) Cuttings bury in pit
 - (2) Sewage haul to sewer lagoon
 - (3) Garbage (trash) and other waste material haul to disposal
 - (4) Salts not used
 - (5) Chemicals non-toxic only; evaporate in pit



After first production, produced waste water will be confined to an unlined or lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval.

 Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. <u>Haul off</u>
 All fluids will be hauled off by Ace Disposal & MCMC for disposal.

*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells with the NBU. Furthermore, extremely hazardous substances in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the NBU. Specific APDs shall address any modifications from this policy.

8. Ancillary Facilities

Camp facilities or airstrips will not be allowed unless otherwise approved.

- 9. Well Site Layout--provide a plat (not less than 1" = 50') showing:
 - a. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
 - Location of mud tanks, reserve, and flare pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.)
 - Rig orientation, parking areas, and access roads, etc.

The reserve pit will be located on the: South stakes #4 & #5

Assess to the well and will be from the: Northwest Ctake #0

The flare pit will be located downwind of the prevailing wind direction on the <u>South stake #5</u> a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil (first four inches) will be stored on the: <u>East of location between</u> stakes 2 and 4.

Access to the well pad will be from the. <u>Infortitivest, Stak</u>	<u>le #0</u>
Diversion ditch(es) shall be constructed on the(above/below) the cut slope draining to the	side of the location.
Soil compacted earthen berm(s) shall be placed on the location between the	side(s) of the



	drainage location.	(s) s	hall be d	diverte	ed around	the _			:	side(s	s) of the	well
	reserve graphic re	•		•		shall	be	constructed	long	and	narrow 	for
The	<u>Northeas</u>	t, sta	ake <u>2</u> co	rner o	of the well	pad w	ill be	rounded off	as n	<u>eedec</u>	<u>d</u> .	

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one stand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- b. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood, or pipe posts shall be used between the corner braces.

 Maximum distance between any two posts shall be no greater than 16 feet.
- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguard (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence, the operator will contact the appropriate agency, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Restoration of Surface

a. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be



If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within _____6 months__ from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

b. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the agency with jurisdiction will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership:

Access Road: <u>Ute Indian Tribe</u> <u>Location: <u>Ute Indian Tribe</u>
"If the access road and/or location involves private or state agency owned surface, a copy of the surface owners agreement is required prior to approval of the APD."</u>

12. Other Additional Information

- a. The Operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - -a time frame for the AO to complete an expedited to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible to mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

b. The operator will control noxious weeds along right-of-way for roads, pipelines, well sites, or other applicable facilities. (A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office.)

- c. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State or Fee lands after the conclusion of drilling operations or at any other time without appropriate authorization. However, if authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.
- d. A 4" pipeline is proposed to run parallel to the access road, approximately 38', until it ties into the main gathering system. See Exhibit D.

Additional Surface Stipulations

_No	construction	or	drilling	activities	shall	be	conducted	betweer
and _				use of				
	urface occupar	icy will	be allow	ed within 1,	000 feet	of an	y sage grous	e strutting
	onstruction or o se strutting grou			•	rmitted v	vithin	1.5 mile radiu	s of sage
 _There	e shall be no su gs, and guzzlers	rface o	•		feet of liv	e wat	er (includes st	ock tanks
 _No co	ottonwood trees	will be	removed	l or damaged	i.			
_A silt	catchment dar	m and	basin will	be construc	ted acco	rding	to specificatio	ns, where
flagge	ed.							

13. Lessee's or Operators Representative and Certification

Representative

Name: Mitchiel Hall

Address: P. O. Box 1360 Roosevelt, Utah 84066

Phone No: (435) 722-4521

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by <u>Dominion Exploration & Production</u>, <u>Inc.</u> and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

August 6 2001

Date

David L. Linger, Onshore Drilling Manager

Name and Title



Onsite Date: July 25, 2001

Participants on Joint Inspection

Bill Bullard	Dominion Expl. & Prod., Inc.
Chuck Wise	Jackson Construction
Brent Stubbs	Stubbs Construction
Alvin Ignacio	Ute Indian Tribe Energy & Minerals Tech.
Manuel Myore	BIA Natural Resources Specialist
Debbie Arrive	BIA
Ed Trotter	Dominion Expl. & Prod., Inc. Consultant

DOMINION EXPLR. & PROD., INC.

STATE #15-36E LOCATED IN UINTAH COUNTY, UTAH SECTION 36, T10S, R19E, S.L.B.&M.

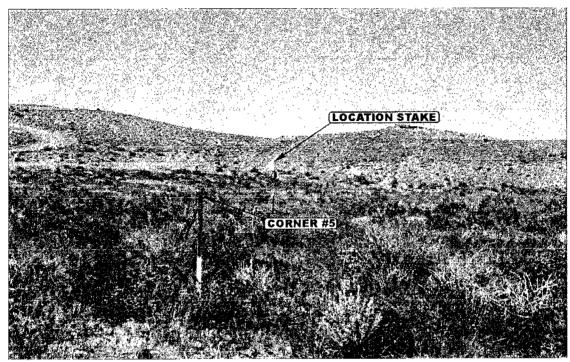


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

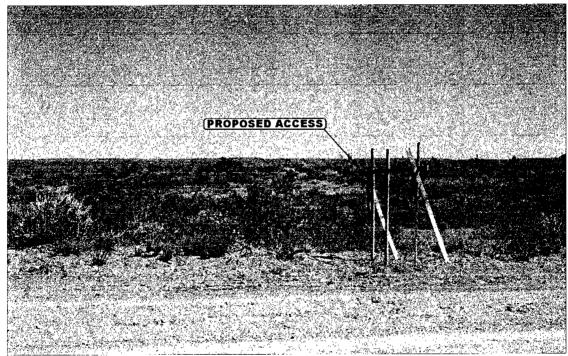


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

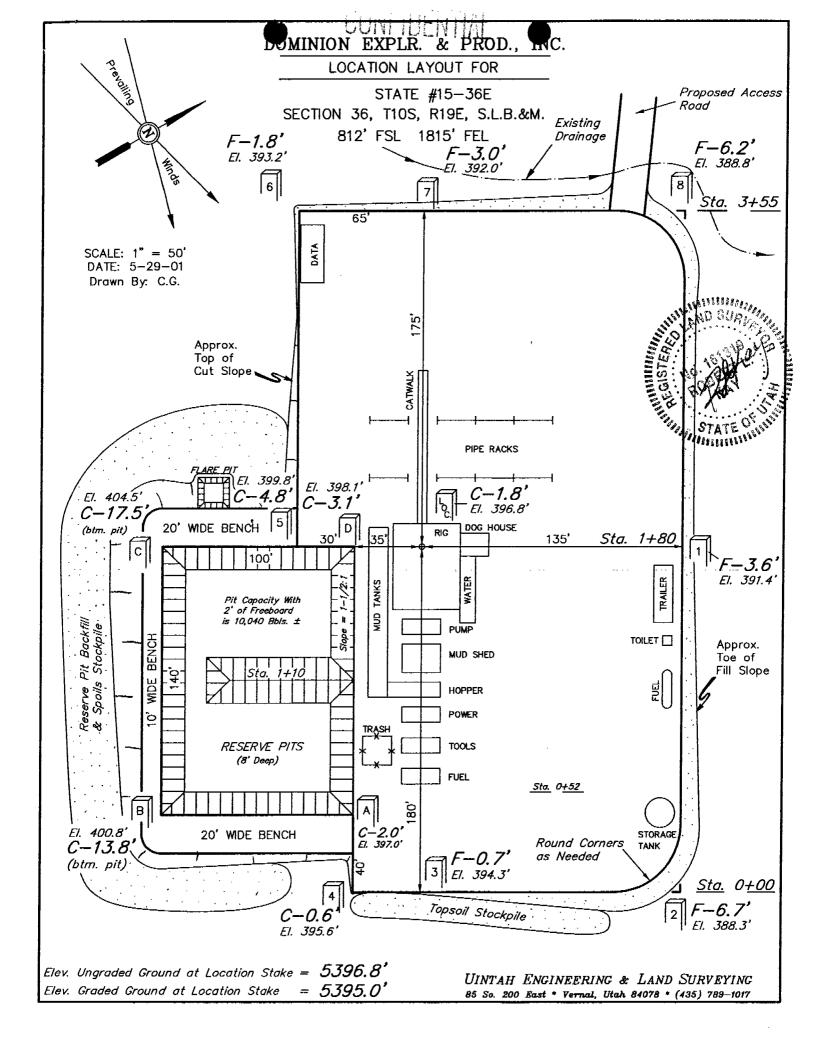
CAMERA ANGLE: SOUTHEASTERLY

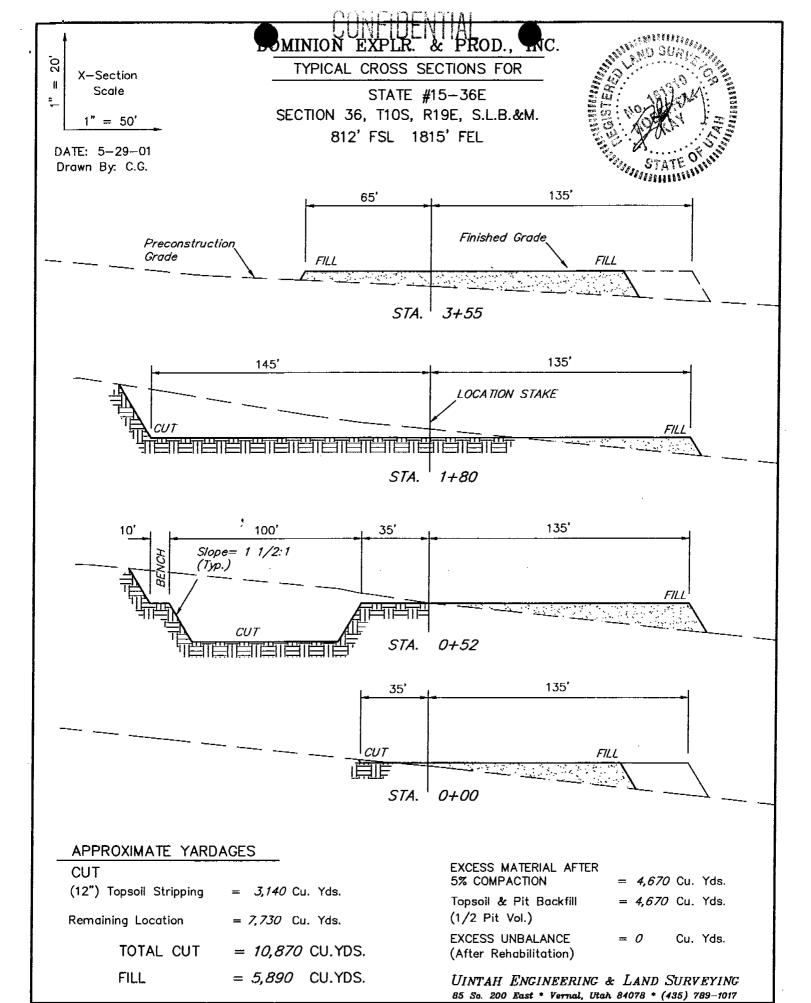
РИОТО

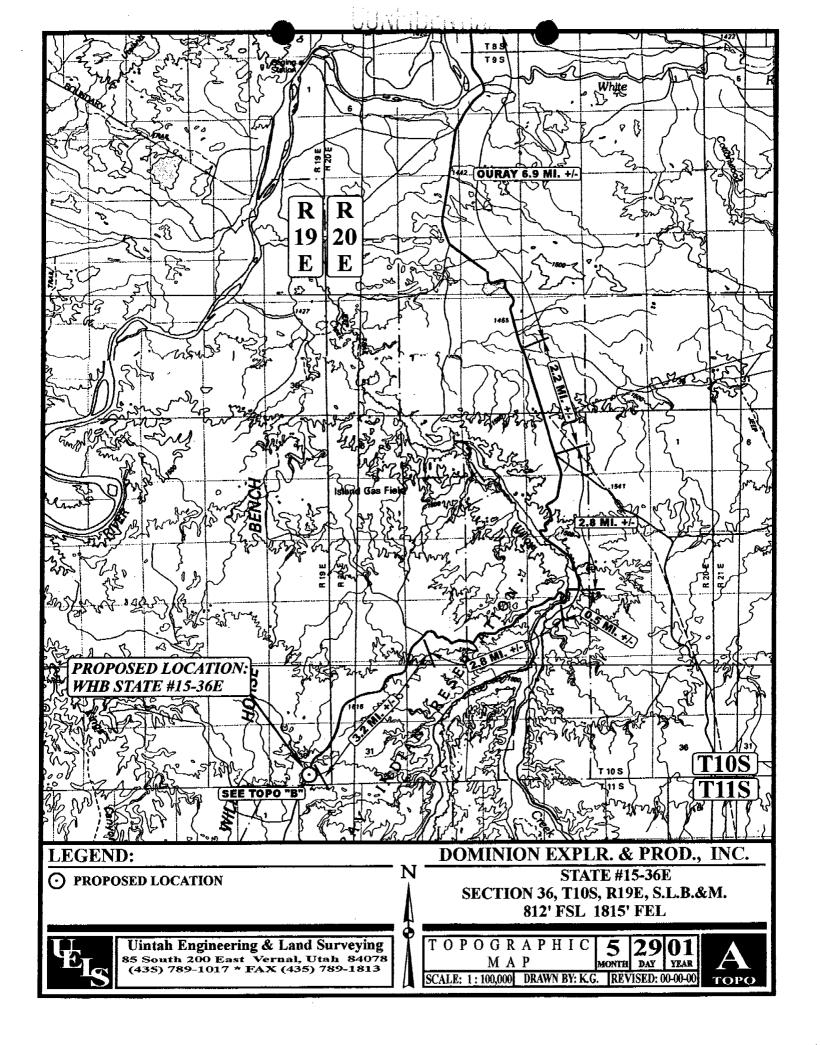


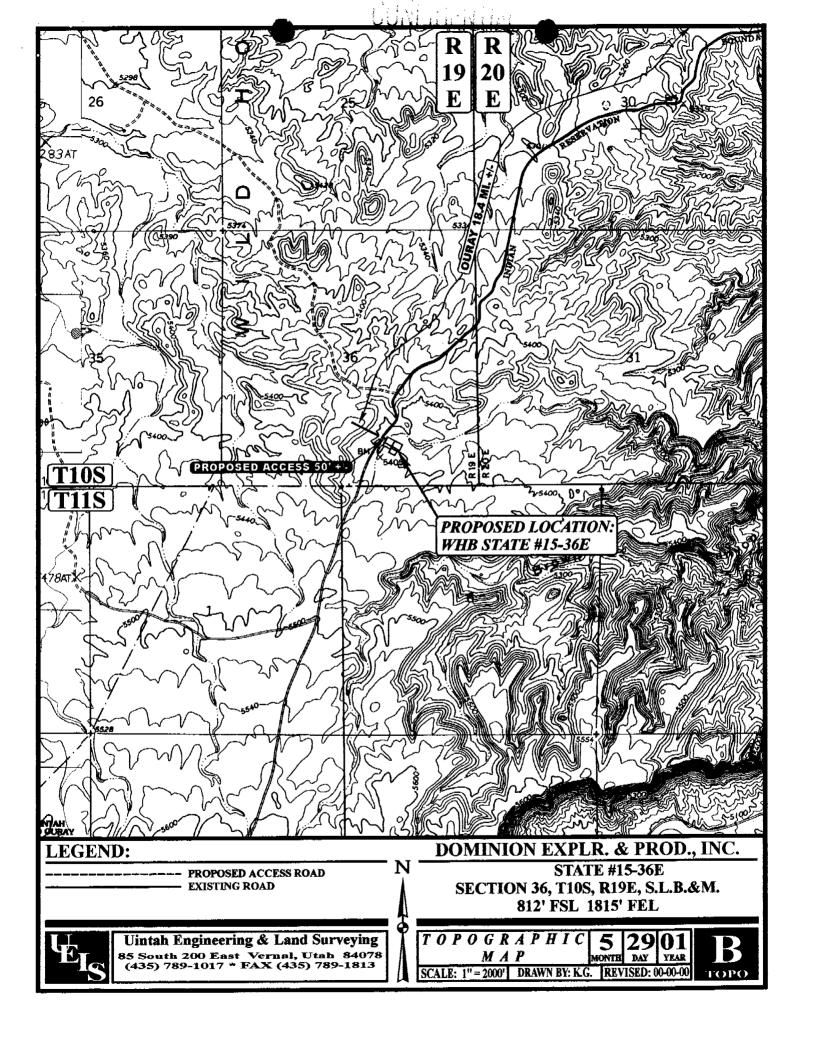
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

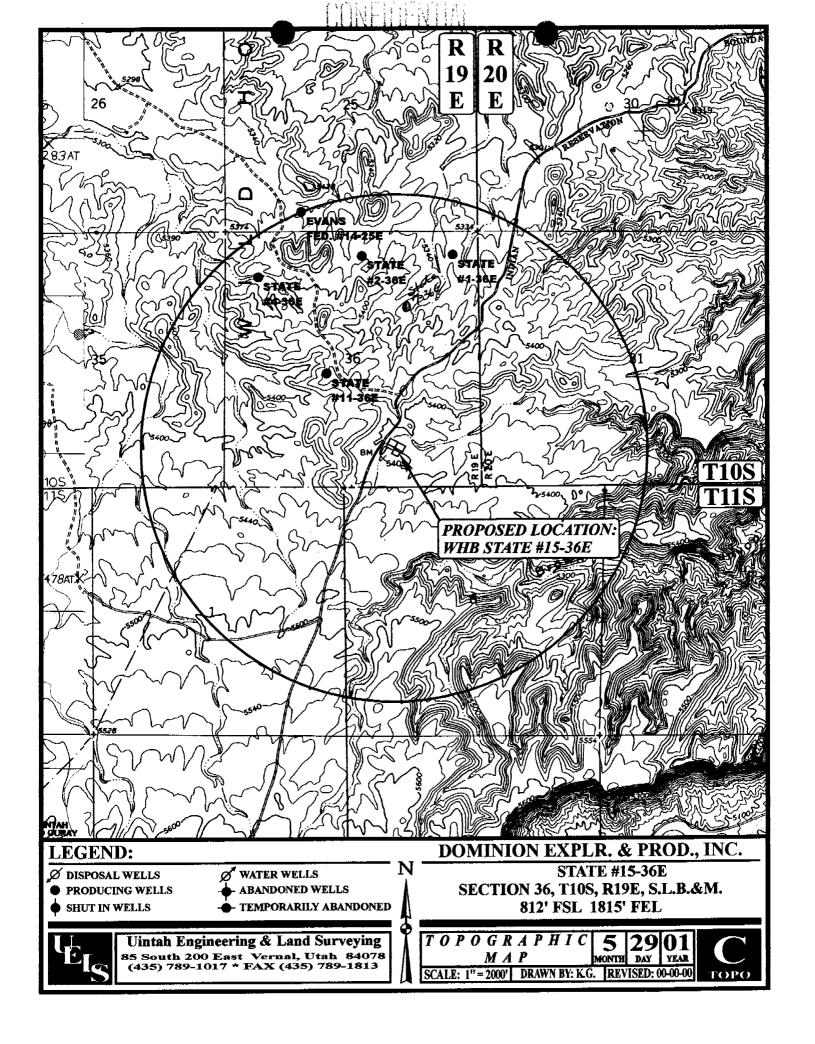
LOCATION	PHOTOS	5 montii	29 DAY	O1 YEAR
TAKEN BV-GC	DRAWN RV- K G	REV	/ISED: 0	0_00.00

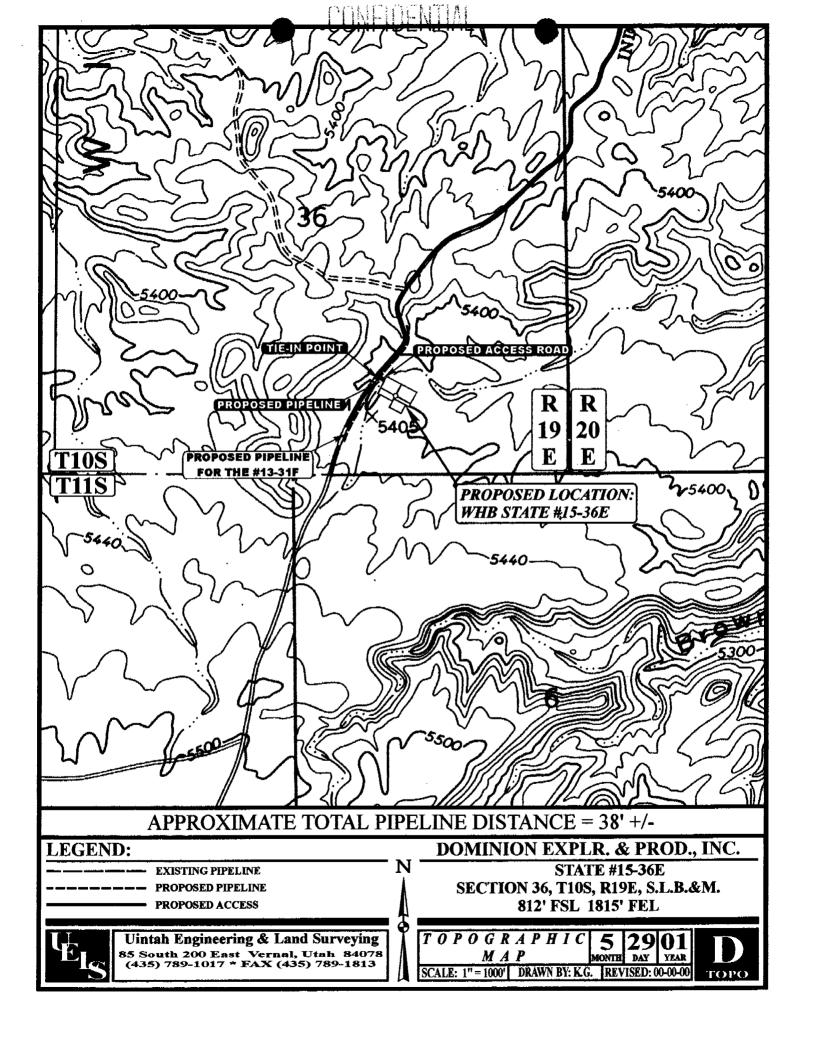




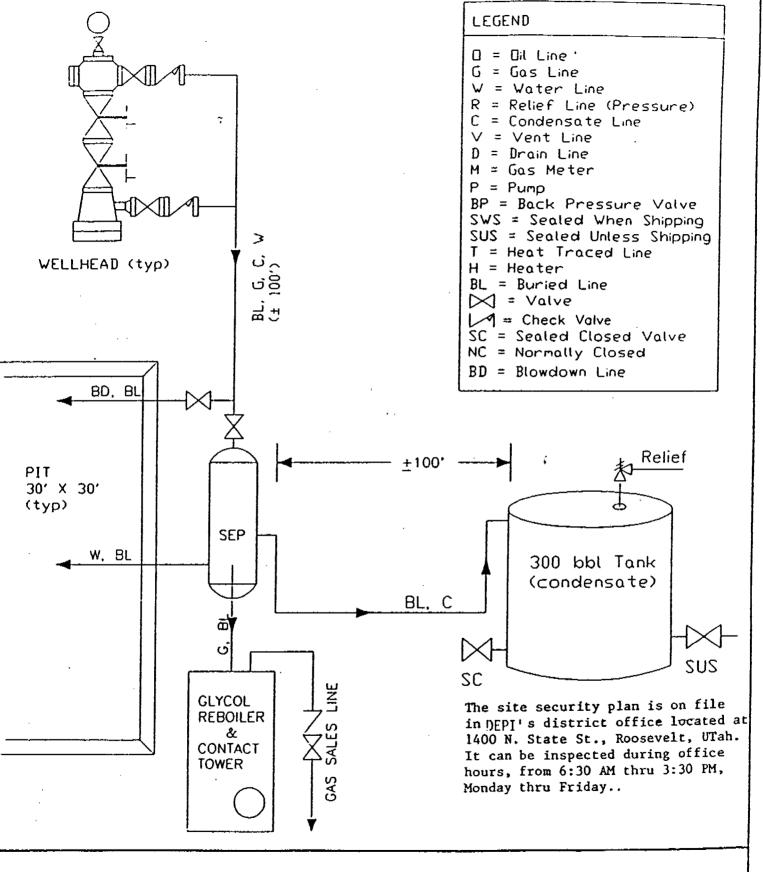








CONTILLISTING



DOMINION EXPLORATION & PRODUCTION, INC.

√ell:	RIVER BEND FIELD, UINTA COUNTY	not to scale
JAN ABUN FLOWISEP	TYPICAL FLOW DIAGRAM	date: // .

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/13/2001	API NO. ASSIGNED: 43-047-34123			
WELL NAME: WHB STATE 15-36E OPERATOR: DOMINION EXPL & PROD (N1095) CONTACT: DIANN FLOWERS	PHONE NUMBER: 2	81-873-3692	***************************************	
PROPOSED LOCATION:	INSPECT LOCATI	N BY: /	/	
SWSE 36 100S 190E SURFACE: 0812 FSL 1815 FEL	Tech Review	Initials	Date	
BOTTOM: 0812 FSL 1815 FEL	Engineering	RAM	6/20/01	
UINTAH NATURAL BUTTES (630)	Geology			
LEASE TYPE: 3 - State	Surface	2186		
LEASE NUMBER: ML-42175 SURFACE OWNER: 3 - State 2-Indian PROPOSED FORMATION: WSMVD				
RECEIVED AND/OR REVIEWED:	LOCATION AND SIT	ING:		
Plat	R649-2-3.	Unit		
Bond: Fed[] Ind[] Sta[3] Fee[]	R649-3-2.	General		
(No. 76S63050361) N Potash (Y/N)		From Qtr/Qtr & 920	' Between Wells	
N oil Shale (Y/N) *190-5 (B) or 190-3	R649-3-3.	<u>-</u>		
Water Permit	Drilling Un Board Caus			
(No. 43-10447) N RDCC Review (Y/N)	Eff Date:			
(Date:)	Siting:	44		
NA Fee Surf Agreement (Y/N)	R649-3-11.	Directional D	rill	
STIPULATIONS: DAPPROVAL IS BASED BOPE STACK. 2- Specing Stip. B. STATEMENT OF BASE	UPON UTILI			

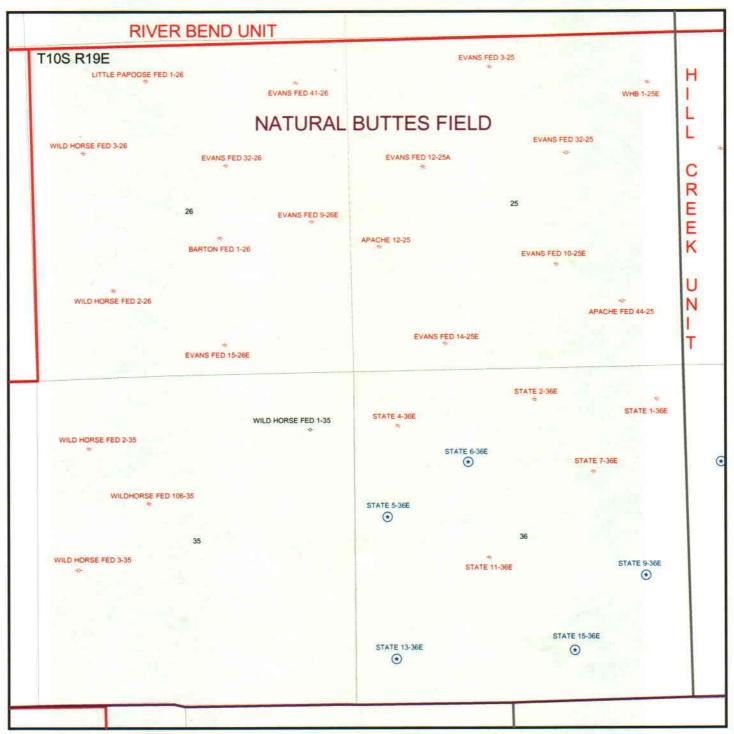


OPERATOR: DOMINION E&P INC (N1095)

SEC. 36, T10S, R19E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH SPACING: R649-3-2/GEN ST



Well name:

06-01 Dominion WHB 15-36E

Operator:

Location:

Dominion

String type:

Surface

Uintah

Project ID:

43-047-34123

Design parameters:

Collapse

Mud weight:

ggg 008.8

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature: Bottom hole temperature:

65 °F 107 °F

No

Temperature gradient: Minimum section length:

1.40 °F/100ft 350 ft

Burst:

Design factor

1.00

Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

0 psi 0.499 psi/ft 1,496 psi

No backup mud specified.

Tension:

8 Round LTC: Buttress:

Premium:

Body yield:

Tension is based on air weight. Neutral point:

Estimated cost:

8 Round STC: 1.80 (J)

1.80 (J) 1.60 (J) 1.50 (J)

1.60 (B)

2.639 ft

23,746 (\$)

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

9.600 ppg 5,286 psi 19.250 ppg

10.600 ft

Fracture mud wt: Fracture depth: Injection pressure

3,000 ft 3,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
2	1000	8.625	24.00	K-55	ST&C	1000	1000	7.972	6587
1	2000	8.625	32.00	K-55	LT&C	3000	3000	7.875	17159
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
2 1	457 [°] 1371	1293 2530	(2.83 1.84	499 1496	2950 3930	5.92	88 64	263 452	(2.99 J 7.06 J

Prepared

R.A.McKee

Utah Dept. of Natural Resources

Date: June 20,2001 Salt Lake City, Utah

NEEDS TO BE 5M. BOP STACK ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 3000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

06-01 Dominion WHB 15-36E

Minimum design factors:

Operator:

Dominion

Production String type:

Project ID:

43-047-34123

Location:

Collapse

Mud weight:

Uintah

Design parameters:

9.600 ppg Design is based on evacuated pipe.

Collapse: Design factor

1.125

H2S considered?

Environment: Surface temperature:

No 65 °F

Bottom hole temperature: 213 °F Temperature gradient:

1.40 °F/100ft

Minimum section length:

350 ft

Burst:

Design factor

1.00

Cement top:

Surface

Burst

Max anticipated surface

No backup mud specified.

pressure:

0 psi

Internal gradient: Calculated BHP

0.499 psi/ft

5,286 psi

Tension: 8 Round STC:

8 Round LTC:

Buttress:

Premium:

Body yield:

1.80 (J) 1.80 (J) 1.60 (J)

1.50 (J) 1.60 (B)

Tension is based on air weight. Neutral point: 9.057 ft Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10600	5.5	17.00	N-80	LT&C	10600	10600	4.767	59746
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5286	6290	1.19	5286	7740	1.46	180.2	`348	1.93 J

Prepared R.A.McKee

Utah Dept. of Natural Resources by:

Date: June 20,2001 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 10600 ft, a mud weight of 9.6 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.





STATE OF UTAH

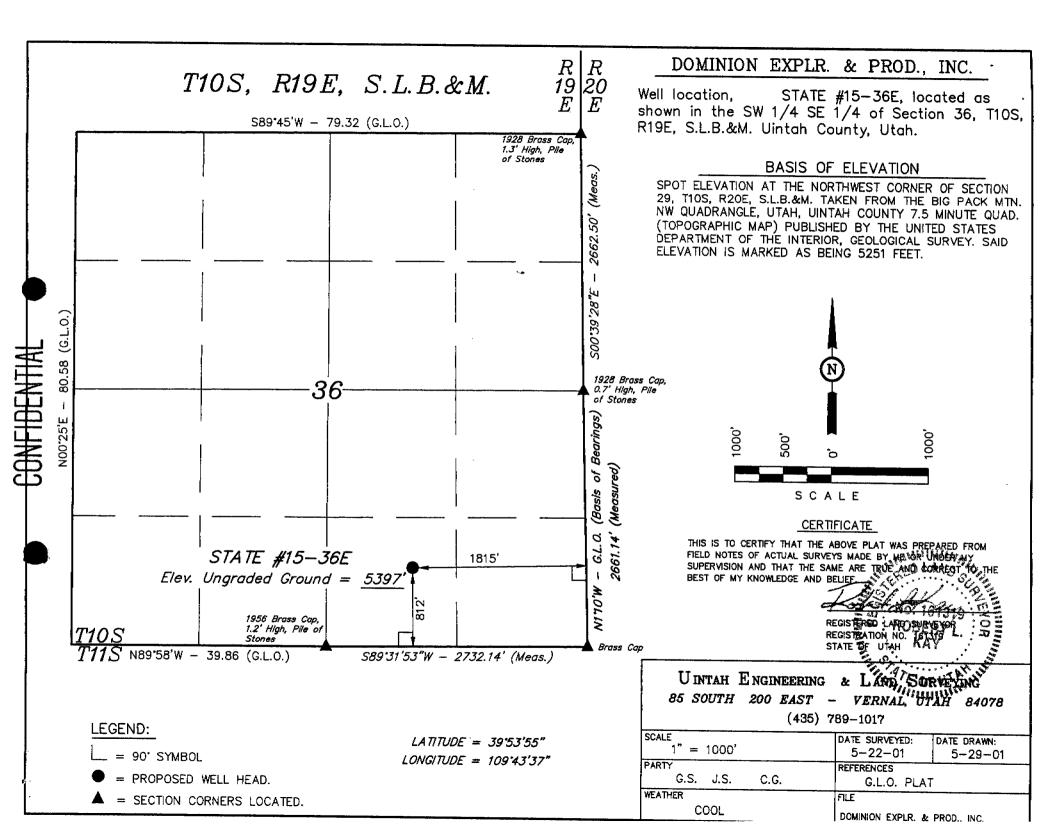
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM	3
AMENDED REPORT [(highlight changes)	

	APPLICATION FOR	PERMIT TO	DRILL		5. LEASE DESIGNATION AND SERIAL NUMBER ML -42175
1A. TYPE OF WO	RK: DRILL X REENTER	DEEPEN			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
B. TYPE OF WE	:LL: OIL GAS X OTHER:	SIN	IGLE ZONE MULTIPLE ZO	NE 🔲	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPE	RATOR:		73134-2600		8. WELL NAME and NUMBER:
DOMINION E	EXPL. & PROD INC.		STATE 15-36E		
3. ADDRESS OF	OPERATOR: 14000 Que: 1 Springs Parku	nay ste 600 OK	CAY OF PHONE NUMBER:		9. FIELD AND POOL, OR WILDCAT:
<u> 16945 - NORT</u>	THCHASE DŘÍVE, SUITE 1750 – H	<u>OÚSTON, TEXA</u>	S 77060 (281) 873-3	692	NATURAL BUTTES
4. LOCATION OF	WELL (FOOTAGES)		4419N00 N		10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
AT SURFACE:	812' FSL & 1,815' FEL		4419060 N 608819E		SW SE Sec 36, T10S, R19E
AT BDODOSEI	D PRODUCING ZONE:		6022116		0. 02 000 00, 1100, 1112
AT PROPOSEI	D PRODUCING ZONE.				
13. DISTANCE IN	MILES AND DIRECTION FROM NEAREST TOWN OF	R POST OFFICE:			11. COUNTY: 12. STATE:
18.4 mile	s SW of Ouray				UINTAH UTAH
14. DISTANCE TO	NEAREST PROPERTY OR LEASE LINE (FEET)	15. NUMBER	PF ACRES IN LEASE:	16. N	NUMBER OF ACRES ASSIGNED TO THIS WELL:
	81	2'	640		40
17. DISTANCE TO	1.00	18. PROPOSI		19. B	BOND DESCRIPTION:
APPLIED FOR	O NEAREST WELL (DRILLING, COMPLETED, OR R) ON THIS LEASE (FEET) 2 , 1	001 10 6	caa i	Щ.	765 62050 240 (Uto)
			ALL THE COURTS IN		76S 63050 340 (Ute)
20. ELEVATIONS	(SHOW WHETHER DF, RT, GR, ETC.):		MATE DATE WORK WILL START:	22. 5	
<i>GR: 5397'</i>		Augu	st 15, 2001		28 days
23.	PROPO	SED CASING	AND CEMENTING PROGRA	AM .	
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE,	QUANTIT	Y, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", 54.5#/ft, K-55	84'	CEMENT TO SURFACE		
12-1/4"	8-5/8", 24/32#/ft, K-55	3,000'	1000 sx Prem/G		A CONTRACTOR
7-7/8"	5-1/2", 17#, N-80	10,600'	1784 sx G		G R I I E
	0 1/2 , 1/4, 1/ 00	10,000	1707 07 0	31	
					AUG 9 2001 LLLL
	***			NO OK	POIL, GAS & MINING
		SWIFF	CE OWNER - UT	TE	TND IAN TRIBE
24. 13-	Pt Plan Attaches	ATT	ACHMENTS		
VERIFY THE FOL	LOWING ARE ATTACHED IN ACCORDANCE WITH 1	HE UTAH OIL AND GA	AS CONSERVATION GENERAL RULES:		
X WELL PL		ND 511011155D	X COMPLETE DRILLING PLA		
	AT OR MAP PREPARED BY LICENSED SURVEYOR (OR ENGINEER	X COMPLETE DRILLING PLA	.N	
X EVIDENC	E OF DIVISION OF WATER RIGHTS APPROVAL FOR	USE OF WATER	FORM 5, IF OPERATOR IS	PERSON	OR COMPANY OTHER THAN THE LEASE OWNER
NAME (PLEASE	PRINT) Diann Flowers		Regulator	ry Spe	ecialist
,	1-2 Shi >200	<u>. </u>			
SIGNATURE	Diam Toules		DATE August 6, 2	2001	
(This space for Sta	ite use only)			Δn	proved by the
				1 1+	ah Division ot
	11 11 11			Oil Oil	Gas and Mining
API NUMBER ASS	SIGNED: 43-047-34123		APPROVAL:	UII,	
A THUMBER AD	11 - 11 - 11		nat	e: 0	4-16-02
			p./ (A.)	<u>~</u>	- 110. C/1-11.
			HV'	17	

(5\2000)

(See Instructions on Reverse Side)



ROW Serial No. H62-2002-014

Drill Site, Road & Pipeline Corridor- Wild Horse Bench State #9-36E

KNOW ALL MEN BY THESE PRESENTS:

That the UNITED STATES OF AMERICA, as trustee for UTE INDIAN TRIBE acting by and through the Superintendent of the Uintah and Ouray Agency, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

FIVE THOUSAND NINE HUNDRED FORTY-ONE DOLLARS AND THIRTY CENTS, (\$5,941.30) Based on \$1,400.00 per acre for consideration, the receipt of which is acknowledged, does hereby grant to:

DOMINION EXPLORATION & PRODUCTION, INC., PO BOX 1360, ROOSEVELT, UTAH 84066 Its successors and assigns, hereinafter referred to as "Grantee" an easement for right-of -way:

In accordance with the attached survey plat: For the Wild Horse Bench State #9-36E

G.L.O. Plat No. 42224 DATED 05/29/01 for Section 36, Township 10 South, Range 19 East, SLB&M for the following:

Drill Site:

Located in the NE/4SE/4 of Sec. 36, being 3.865 acres, more or less, and

Road & Pipeline Corridor:

Located in the NE/4SE/4 of Sec. 36, being approximately 449.14 feet in length, 60

feet in width, 0.619 acres, m/l

Total ROW acreage 4.484, m/l

within the exterior boundaries of the Uncompander Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the <u>Wild Horse Bench State #9-36E</u> together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for a <u>twenty (20) year</u> period beginning <u>October 12, 2001</u>, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect then existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16, Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assigns of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to required the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement this 12th day of October, 2001.

UNITED STATES OF AMERICA

U.S. Department of the Interior

Uintah & Ouray Agency Fort Ducheste, UV \$4026

Superintendent



DATE:

October 12, 2001

REPLY TO

ATTN OF:

Superintendent, Uintah & Ouray Agency

SUBJECT:

APD Concurrence for DOMINION EXPLORATION & PRODUCTION, INC.

TO:

Bureau of Land Management, Vernal District Office

Attn: Minerals and Mining Division

We recommend approval of the Application for Permit to Drill (APD) for a drill site, access road and pipeline with required stipulations:

H62-2002-014 - Wild Horse Bench State #9-36E

NE/4SE/4 of Sec. 36-T10S-R19E

H62-2002-015 - Wild Horse Bench State #15-36E SW/4SE/4 of Sec. 36-T10S-R19E

Based on available information received 08/01/01 the proposed location was cleared in the following areas of environmental impact.

YES	МО	X	Listed threatened endangered species
YES	NO	X	Critical wildlife habitat
YES	NO	Χ	Archaeological or cultural resources
YES	NO		Air quality aspects (to be used only if Project is in or adjacent to a Class I
			area

Enclosed is a copy of the BIA's Environmental Analysis (EA) concurred and signed by the Ute Indian Tribe. Please refer to item 6.0 for Mitigation Stipulations as well as any applicable stipulations in 10.0 for Additional Stipulations

REMARKS: The Ute Tribe Energy & Minerals (E&M) Department also requires that all companies adhere to the following criteria, during and after, all phases of construction activities.

ENVIRONMENTAL ANALYSIS CITE CDECIEIC

WELL NO. WHB STATE 9-36E Sec. 36 T. 10S R. 19E Legal Description: NE 1/4 SE 1/4 COMPANY: Dominion Explr. & Prod., Inc. On-SiteDate: July 25, 2001						
		1.0 - P	ROPOSED ACTION			
	ROAD ACCESS WELL PAD PIPELINE POWERLINE	# of feet # of feet # of feet # of feet	168,359.40 sq. ft.	3.865 acres		
	CORRIDOR ROW	# of feet	449.14 feet in length	0.619 acres		
Note	es:					
		2.0 - AL	TERNATIVE ACTIO	NS		
A.	ALTERNATIVE CONSIL	-	•			
B. C	NO ACTION: Under the	no action alterna	tive, the proposed action	would not be implemented.		

3.0 - SITE SPECIFIC SURVEY

A. SITE DESCRIPTION

1. Elevation (feet)	5,418.6 feet	
2. Annual precipitation (inches)	6 to 8 inches	
3. Topography	High Plateau	
4. Soil	Sand Gravel Mix	
5. Est. Infiltration Rage	Low Moderate	High

B. VEGETATION

1. Habitat type is:	Semidesert
2. Percent Ground Cover:	3
3. Vegetation consists of:	7 % Grasses 2% Shrubs % Forbs % Trees
The main variety of grasses are	blue grama bluebunch wheat squirrel tail needle & thread poa Indian rice cheat Grass galletta None
Shrubs consist of:	prickly pear Spiny hopsage Spiny hopsage Spiny hopsage Spiny horse bush Wild Black sage Black sage Spiny hopsage Snake weed Sand sage None
Forbs consist of:	Annuals Lamb quaters Gilia Penstamen Mustard None
Trees consist of:	Pinion pine Utah juniper Upland pinion juniper None
4. Observed T&E species:	none
5. Potential For T&E species:	none
6. Observed Noxious Weeds:	none

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION 1. Big Game Elk Mule Deer Antelope Other: 2. Small Game Cotton Tail Dove Quail Other Rabbit 3. Raptors -Golden Redtail Kestrel Other Hawk Eagles 4. Non-Game Wildlife Coyote Cattle Fox Other Black Tail Song birds Jack Rabbit 5. T&E Species none

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	4.484
Irrigable land	
Non-Irrigable land	4.484
Commercial timber	
Floodplain	
Wetland	0
Riparian	0
Other:	0

3.3 - CULTURAL RESOURCES

A CULTU	RAL.	RESOU	RCES/SI	URVEY	
---------	------	-------	---------	-------	--

A. CULTURAL RESOURCES/SUR	VEY	
Cultural Resource Surveys were perfo	Ormed by An Independendent Archaeo Company Name	logist, on June 10, 2000 .
The consultant recommends clearance	e of the project as it is presently staked, a	nd approved by BIA and UT Technicians
Consultant	UT Technician	BIA Representative
All personnel should refrain from co cultural resources in the area.	llecting artifacts, any paleontological fo 4.0 - ENVIRONMENTAL IMPA	ssils, and from disturbing any significan
	4.0 - ENVIRONMENTAL IMPA	Acres
A. SURFACE ALTERATIONS:	1. Access road & pipeline	0.619 acres
	2. Well site	3.865 acres
	3. Pipeline right-of-way	N/A
	4. Total area disturbed	4.484 acres
B. VEGETATION/LANDSCAPE	1. Production loss (AUM's)/year:	0.29
	2. Permanent scar on landscape:	
	2 Potential impacts to T&F energies:	

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.4 AUM/year. O. 29

The area is not used as irrigated cropland and a water right has not been designated for the area.

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

5.0 - MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

- 1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
- 2. Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

- 1. Soil erosion will be mitigated by reseeding all disturbed areas.
- 2. The pipeline will be constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

E. WILDLIFE/VEGET ATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

F. UTE TRIBAL REGULATIONS

- 1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its subcontractors, shall acquire access permits and business permits from the Ute Indian Tribe.
- 2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

6.0 - UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

- 1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
- 2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources, once they have been removed they can never be replaced.

7.0 - CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

8.0 - NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	Cleared
Critical wildlife habitat	1
Historical and cultural resources	(1)

9.0 - REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

10.0 - ADDITIONAL STIPULATIONS

- > A 60 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- > A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- > The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understand that they may be responsible for costs incurred by the Ute Tribe after hours.
- > The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that 'ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONSTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing, and will receive written authorization of any such change with appropriate authorization.
- > The company will implement "Safety and Emergency Plan". The Company's safety director will ensure its compliance.
- > All company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- > All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- > The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- > All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.
 Additional Stimulation

Audicional Supulatio	ns:			
-		 	 	
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L				
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11.0 - RECOMMENDATIONS

A. APPROVAL/DISAPPROVAL	
We recommend APPROVAL	DISAPPROVAL of the proposed action as outlined in item 1.0 above.
Date: Tuly 25 - 2001	Urri Graces UT Energy & Minerals Technician
Date: 130/01	Ute Indian Tribe
,	Ferron Secakuku, Director UT Energy & Minerals Department
Date: $\frac{7}{26/2001}$	BIA Representative Uintah and Ouray Agency

11.0 - DECLARATION

A. APPROVAL

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 8-1-01

Superintendent, Uintah and Ouray Agency

12.0 - CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

Agency/Company Name	Name	Initials
Bureau of Land Management		
Dominion Exp. & Prod., Inc.	Mitch Hall	
Dominion Exp. & Prod., Inc.	Gary Dye	(2)
Dominion Exp. & Prod. Inc.	Ed Trotter	FX

Dominion Exploration & Production:
Wild Horse Bench #9-36E
A Cultural Resource Inventory for a well pad
its access and flowline,
Uintah County, Utah.

By
James A. Truesdale
Principal Investigator

Prepared For
Dominion Exploration & Production
1400 North State Street
P.O.Box 1360
Roosevelt, Utah
84066

Prepared By
AN INDEPENDENT ARCHAEOLOGIST
P.O.Box 153
Laramie, Wyoming
82073

Utah Project # U-01-AY-0124(i)

June 10, 2000

Introduction

An Independent Archaeologist (AIA), was contacted by a representative of Dominion Exploration & Production, to conduct a cultural resources survey investigation of the proposed Wild Horse Bench #9-36E well location, its access and flowline. The location of the project area is the SW/NE 1/4 of Section 36, TlOS, R19E (Alt#1; 2007' FSL, 673' FEL), Uintah County, Utah (Figure 1). proposed access trends 500 feet (162.4 m) southeast from a existing oil and gas field service road to the proposed well pad. proposed pipeline parallels the proposed access the turns north and follows the existing oil and gas field service road to a existing The pipeline is 2000 feet (609.7 m) long. The land is administered by the Uintah-Ouray Ute, Ft. Duchesne, Utah. survey was conducted under a Uintah-Ouray Ute tribal access permit authorized through the Ute Energy and Minerals Division. A total of 15.73 acres was surveyed. The field work was conducted on May 31, 2001 by AIA archaeologist James Truesdale and accompanied by Alvin Ignacio (Uintah-Ouray Ute, Energy and Minerals technician). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

File Search

A file search was conducted at the Office of the Utah State Historical Society, Antiquities Section, Records Division and at the Vernal BLM office in March 21, 2001 by the author. No cultural materials have been previously recorded in the immediate project area.

Environment

Physiographically, the project is located on Wild Horse Bench of the Uinta Basin, eighteen miles south of Ouray, Utah. Wild Horse Bench is situated between the Green River and Hill Creek. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province. The terrain is characterized as having steep ridges and/or buttes of Uintah Formation sandstones and clays dissected by seasonal drainages and washes with wide flat alluvial plains. Portions of the desert hardpan and bedrock in the Wild Horse Unit area are covered with aeolian sand which may reach a depth of over 4 to 5 meters in areas.

Vegetation on the Wild Horse Bench area is characteristic of a shadescale/greasewood community. Species observed in the project area include; shadescale (Atriplex confertifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), wild buckwheat, Erigonum ovvalifolium), desert globemallow (Bromus tectorum), peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), and prickly pear cactus (Opuntia spp.). In addition, a riparian community may be found along the Green River 6 miles west and Hill Creek 1 1/2 mile east.

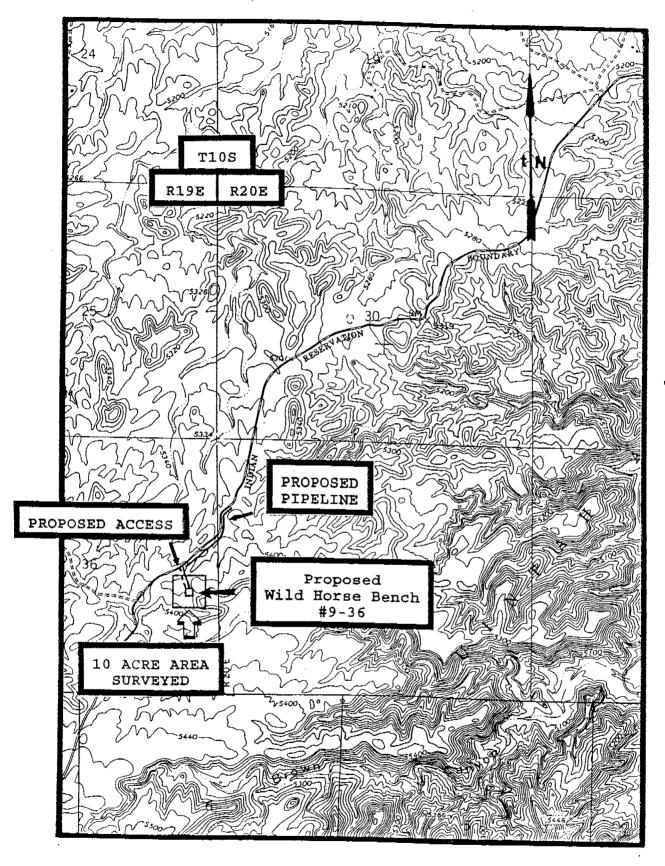


Figure 1. Location of Dominion Exploration and Production's proposed Wild Horse Bench #9-36 well, its access and pipeline on 7.5'/1968 USGS quadrangle map, Big Pack Mountain NW, Uintah County, Utah.

The immediate proposed Wild Horse Bench #9-36E well is situated on a top of a flat southwest-northeast trending ridge. From a existing oil and gas field service road the proposed access trends south-southeast 500 feet (162.4 m) to the proposed well pad. From the proposed well pad the pipeline parallels the access 500 feet (162.4 m) then turns north and continues 1500 feet (457.3 m) north along the east side of a existing oil and gas field service road to a existing pipeline. Sediments consist of shallow (<5 cm) colluvium that consists of angular pieces of Uinta formation sandstone. Exposures of Uinta formation sandstone, clays and shales can be found along the ridge ledges. The proposed well location is located at an elevation of 5420 feet (1652.4 m) AMSL.

Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 and 20 meters apart. The proposed access corridor is 500 feet (162.4 m) long and 100 feet (30.4 m) wide, 1.14 acres. The proposed pipeline corridor is 2000 feet (609.7 m) long and 100 feet (30.4 m) wide, 4.59 acres. A total of 5.73 linear acres was surveyed. Areas of subsurface exposure (ant hills, blowouts, eroding slopes and cutbanks) were examined with special care in order to help assess the potential for buried cultural deposits.

Results

A total of 15.73 acres were surveyed for cultural resources within the around the proposed Dominion Exploration and Production Wild Horse Bench #9-36E well and along its access and flowline. No cultural resources were located during the survey.

Recommendations

A total of 15.73 acres were surveyed for cultural resources within the around the proposed Dominion Exploration and Production Hill Creek Unit #9-36E well and along its access and flowline. No cultural resources were located during the survey. The possibility for buried cultural resources at the proposed well location or along the proposed access or flowline is low. Therefore, archaeological clearance is recommended for the construction of the Wild Horse Bench #9-36E well location, its access and flowline.

FORM 9



CONFIDENTIAL

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UT ML -42175
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes 1. TYPE OF WELL OIL WELL GAS WELL X OTHER:	8. WELL NAME and NUMBER: STATE 15-36E
2. NAME OF OPERATOR:	9. APINUMBER:
DOMINION EXPL. & PROD., INC.	43-047-34123
3. ADDRESS OF OPERATOR: PHONE NUMBER: 16945 NORTHCHASE DRIVE, SUITE 1750 HOUSTON, TEXAS 77060 (281) 873-3692	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL	
FOOTAGES AT SURFACE:	COUNTY: UINTAH
812' FSL & 1815' FEL OTRICTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE:
SW, SE Sec 36, T10S, R19E	UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT ACIDIZE DEEPEN	REFERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TUBING PLUG AND ABANDON	TUBING REPAIR VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER
9/30/01 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly show all pertinent details including dates, depths, vo	lumes, etc.
Operator is amending the approximate total pipeline distance. A 4" pipeline is proposed to run parallel to the access road, approximately main gathering system located in Sec. 31, T10S, R20E. A right-of-way will Indian Tribe. See attached topo map.	
	RECEIVED
	SEP 1 3 2001
	DIVISION OF OIL, GAS AND MINING
NAME (PLEASE PRINT) Diann Flowers TITLE Regulatory Spe	cialist
SIGNATURE DIAM PLOCES DATE 09/05/2001	(1 - 21 - 24 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -

(This space for State use only)



DOMINION EXPLORATION & PRODUCTION, INC. OPERATIONS DEPARTMENT 14000 Quail Springs Parkway, Suite 600 Oklahoma City, Oklahoma 73134 (405) 749-1300 Fax: (405) 749-6690

RF ZIVED

mPR 0 1.2002

DIVISION OF OIL, GAS AND MINING

Fax

ro: LISHA CORDONA	From CALLA CHRISTIAN
Faxa(801) 359-3940	Fax:
Phone:	Phones (405) 749-5263
Pages:	Date: 1011 (2002
□ Urgent □ For Review □ Please Con	nment 🗆 Please Reply 🗆 Please Recycle
Comments: Lisha, I met with	THE ROLFIES TEAM TOONY!
FEOGRAL N 11-7 FEOGRAL T 42-31 CITTS 12-37L	innits for THE Following
FOR THE FEORIAL NO 24-17	THE WATER Permit & IS 1843 =
10441, ODES TAIS CLEAR M	INC 9-36F. I am HAVING
PIENSE CALL ME AT YOUR	EMPLIEST CONVENIENCE, to let
	ARLA CHISTIAN



nited States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Uintah and Ouray Agency P. O. Box 130 988 South 7500 East Fort Duchesne, Utah 84026-0130 (801) 722-4300

IN REPLY REFER TO: Real Estate Services (435) 722-4310

Dominion Exploration & Production, Inc.

October 12, 200

P.O. Box 1360 Roosevelt, Utah 84066

Dear Sirs:

This is your authority to proceed with construction of the following rights-of-ways.

H62-2002-014 - Wild Horse Bench State #9-36E

NE/4SE/4 of Sec. 36-T10S-R19E

H62-2002-015 – Wild Horse Bench State #15-36E

SW/4SE/4 of Sec. 36-T10S-R19E

Enclosed is your file copy of the Bureau of Indian Affairs, Environmental Analysis Report (EA). The tribal stipulations and concurrence signatures are listed on the back of this report. Please adhere to all stipulations for both entities.

Enclosed is a Grant of Easement for this right-of-way. Upon completion, please submit Affidavit of Completion so that we may record the Grant of Easement with our title plant.

Please contact the Ute Indian Tribe's Energy and Mineral Department prior to construction to obtain an access permit and retain this letter as your permit to construct upon tribal lands. Also, remind your field personnel of the firearm restrictions on the Uintah and Ouray Reservation.

If you have any questions please contact Mr. Charles Cameron, Chief, Branch of Real Estate Services, Supervisory Petroleum Engineer at (435) 722-4311.

Sincerely,

cc: UIT Energy & Minerals

file chrono

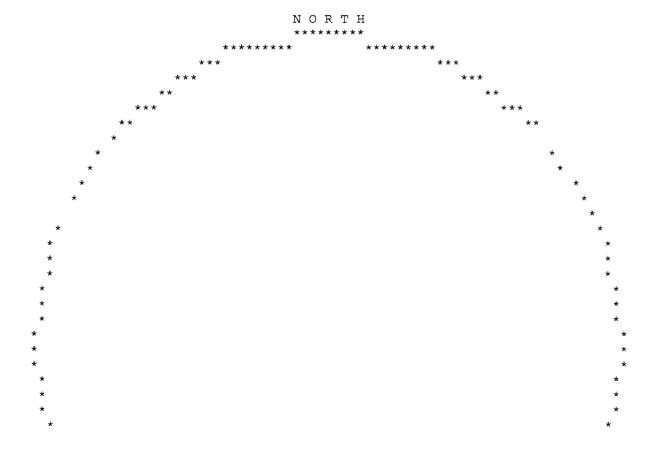
DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: <u>Dominion Exploration & Production Inc.</u>
Well Name & Number: State 15-36E
API Number: 43-047-34123
Location: 1/4,1/4 <u>SW/SE</u> Sec. <u>36</u> T. <u>10S</u> R. <u>19E</u>
Geology/Ground Water:
Dominion proposes to set 84' of conductor and 3000' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of
4400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 2. The surface formation at this site is the Uinta Formation. The
Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The
Proposed surface casing should be adequate to protect any useable groundwater in this area.
Reviewer: Brad Hill Date: 04/16/02
Surface:
Surface rights at the proposed location are owned by the Ute Indian Tribe. EOG Resources is
responsible for obtaining any rights-of-way or surface permits needed from the Ute Tribe.
Reviewer: Brad Hill
Date: 04/16/02
Conditions of Approval/Application for Permit to Drill:
None.
rone.

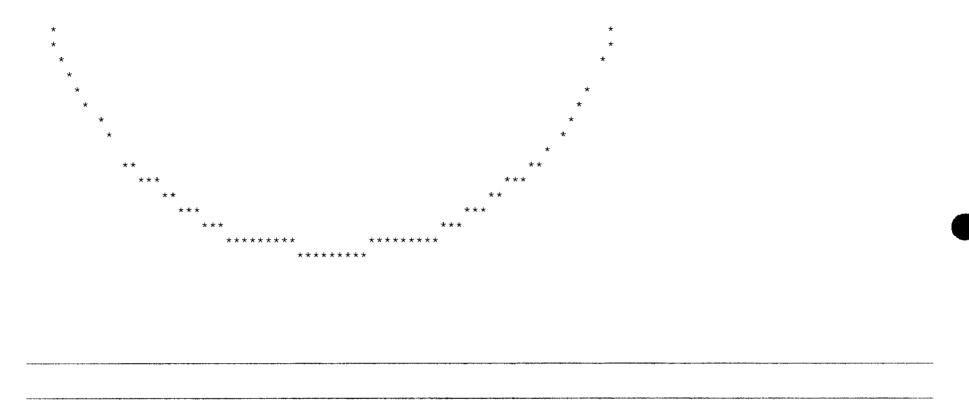
UTAH DIVISION OF WATER RIGHTS WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, APR 16, 2002, 8:25 AM PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

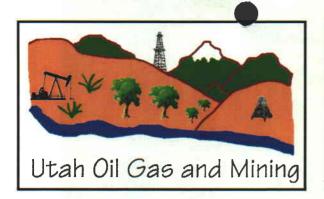
PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT FEET, FEET OF THE CT CORNER, SECTION 36 TOWNSHIP 10S RANGE 19E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET



Points of Diversion Page 2 of 2



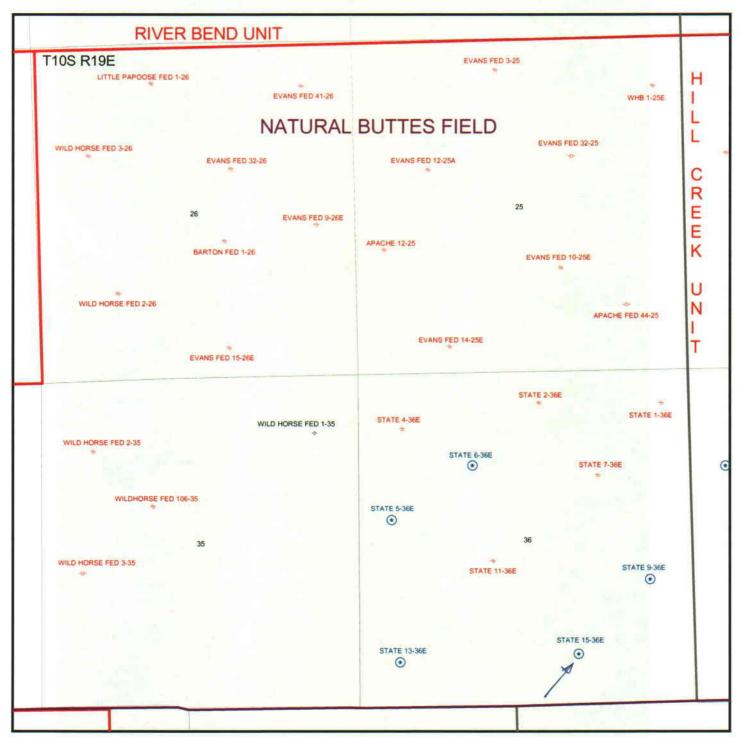


OPERATOR: DOMINION E&P INC (N1095)

SEC. 36, T10S, R19E

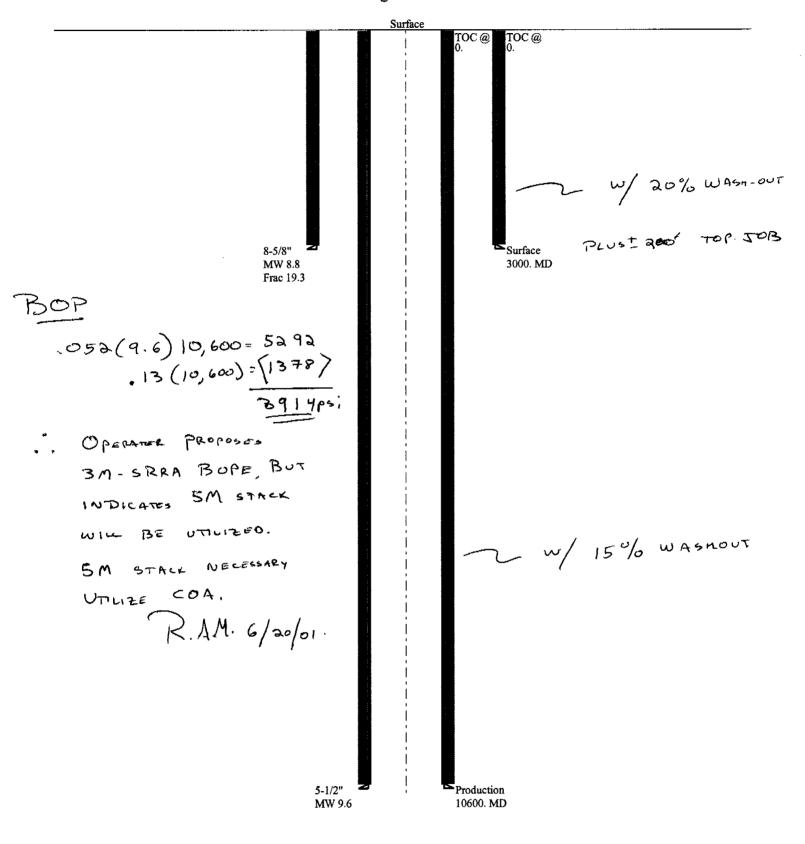
FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH SPACING: R649-3-2/GEN ST



06-01 Dominion WHB 15-36E

Casing Schematic





Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director

State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

April 16, 2002

Dominion Exploration & Production Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134-2600

Re:

State 15-36E Well, 812' FSL, 1815' FEL, SW SE, Sec. 36, T. 10 South, R. 19 East,

Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34123.

Sincerely,

Jøhn R. Baza

Associate Director

er

Enclosures

cc:

Uintah County Assessor

SITLA

Operator:		Dominion Exploration & Production Inc			
Well Name & Number_	• "	State 15-36E			
API Number:		43-047-34123			
Lease:		ML 42175			
Location: SW SE_	Sec. 36	T. 10 South F	R. 19 East_		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 7. Approval is based upon utilization of 5M BOPE Stack.

STATE OF UTAH RCES

	DEPARTMENT OF NATURAL RESOUR
004	DIVISION OF OIL, GAS AND MIN

004	DIVISION OF OIL, GAS AND MINI	ING		ML - 42175
SUNDR	Y NOTICES AND REPORTS	ON WELL	.S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
Do not use this form for proposals to dr	I new walls, significantly deepen existing wells below current	it bottom-hole death	. reenter plugged wells. or to	7. UNIT or CA AGREEMENT NAME:
drill horizonts	l leterals. Use APPLICATION FOR PERMIT TO DRILL form	n for such proposals	i.	8. WELL NAME and NUMBER:
OIL WEL	GAS WELL 🗹 OTHER			State 15-36E
NAME OF OPERATOR: Dominion Exploration &	Production Inc.			9. API NUMBER: 43-047-34123
. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
14000 Quail Springs	Oklahoma City STATE OK ZIP 73	3134	(405) 749-1300	Natural Buttes
FOOTAGES AT SURFACE: 812	######			COUNTY: Uintain
QTR/QTR, SECTION, TOWNSHIP, R	2 millustrationals, classifications of the control	85 (* ' N		STATE: UTAH
	PROPRIATE BOXES TO INDICATE			RT, OR OTHER DATA
TYPE OF SUBMISSION	ACIDIZE T	TY DEEPEN	PE OF ACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE L	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONST		TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR		TUBING REPAIR
	CHANGE TUBING	PLUG AND A		VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	<u></u>	N (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	_	ON OF WELL SITE	OTHER:
	CONVERT WELL TYPE	=	E - DIFFERENT FORMATION	
	posed total depth is now 8,000'. one year extension to the APD whic	ch expires A	pril 16, 2003.	RECEIVED FEB 1 8 2003 DIV. OF OIL, GAS & MINING
AME (PLEASE PRINT) Carla Ch	ristian Unustram	TITLE	2/17/2003	ialist
	ED BY THE STATE AH DIVISION OF			
OF UT			·	, , , , , , , , , , , , , , , , , , ,

(5/2000)

Production Casing Coment Shall be brought up inside Surface Casing (± 2000') to isolate Green River From

CONFIDENTIAL

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

WHB State 15-36E

812' FSL & 1815' FEL

Section 36-10S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>	
Wasatach Tongue	3,910°	
Green River Tongue	4,240'	
Wasatch	4,400'	
Chapita Wells	5,450'	
Uteland Buttes	6,250'	
Mesaverde	7,365	

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL</u>, <u>GAS OR MINERALS</u>

<u>Formation</u>	<u>Depth</u>	<u>Type</u>	
Wasatch Tongue	3,910'	Oil	
Green River Tongue	4,240'	Oil	
Wasatch	4,400'	Gas	
Chapita Wells	5,450'	Gas	
Uteland Buttes	6,250'	Gas	
Mesaverde	7.365	Gas	

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	Conn.	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	86'	17-1/2"
Intermediate	8-5/8"	32.0 ppf	J-55	LTC	0,	2,200'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,000'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.



APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	Mud System •
0' - 500'	Air foam mist, no pressure control
500' - 2.200'	Fresh water, rotating head and diverter
2,200' - 8,000'	Fresh water/2% KCL/KCL mod system

BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

APPROVAL OF OPERATIONS



CEMENT SYSTEMS

Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl2 and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,200'±, run and cement 8-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Run 1" tubing in annulus to 200'± and cement to surface.

Note: Repeat "Top Out" procedure until cement remains at surface.

Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

				•	<u>Hole</u>	Cement	
<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>	Excess .
Lead	370	0'-1,700'	11.0 ppg	3.82 CFS	707 CF	1,414 CF	100%
Tail	367	1,700'-2,200'	15.6 ppg	1.20 CFS	220 CF	440 CF	100%
Top Out	102	0'-200'	15.8 ppg	1.17 CFS	95 CF	119 CF	25% (If required)

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cernent, gel, salt, gilsonite, EX-1 and HR-7.

Slurry weight:

Slurry yield:

Water requirement:

3.82 cf/sack

22.95 gal/sack

Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

1 hr. 5 min. @ 90 °F. Pump Time:

Compressives @ 95 °F: 24 Hour is 4,700 psi

Top Out:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 3% bwoc Calcium Chloride + 44.3% fresh water.

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,000'±, run and cement 5 1/2".
- Cement interface is at 3,600', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 3% KCL.

					<u>Hole</u>	<u>Cement</u>	
<u>Type</u>	Sacks	<u>Interval</u>	Density	Yield	Volume	Volume	Excess
Lead	89	3,600'-4,400'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	719	4,400'-8,000'	13.0 ppg	1.75 CFS	628 CF	1,258 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

3.12 cf/sack

Slurry weight:

11.60 #/gal.

11.00 #/gal.

Water requirement:

17.71 gal/sack

Compressives @ 130°F: 157 psi after 24 hours

Tail Mix:

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield:

1.75 cf/sack

Slurry weight:

13.00 #/gal.

Water requirement:

9.09 gal/sack

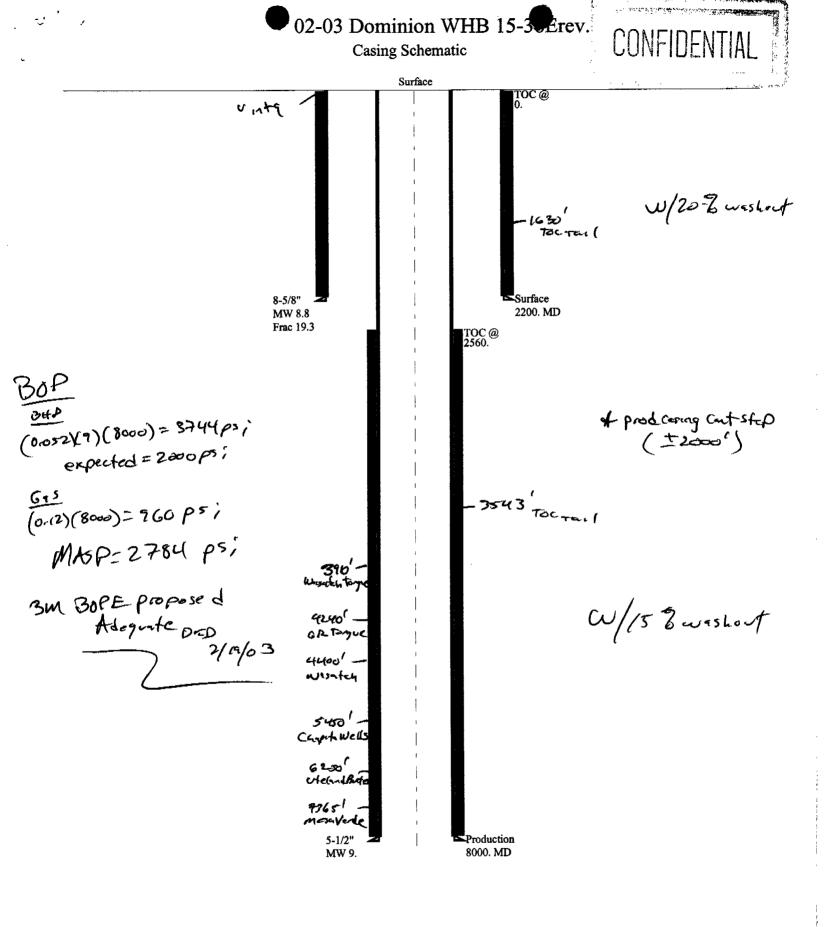
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS Starting Date:

May 1, 2003

Duration:

14 Days





Well name:

02-03 Dominion WHB 15-36Erev.

Operator: String type: **Dominion**

Production

Design is based on evacuated pipe.

Location:

Collapse

Uintah

1.00

Minimum design factors: Collapse:

Design factor 1.125 **Environment:**

Cement top:

Project ID: 43-047-34123

H2S considered?

No 65 °F

Bottom hole temperature:

177 °F 1.40 °F/100ft

Minimum section length:

Burst

Max anticipated surface

pressure: internal gradient:

Calculated BHP

Design parameters:

Mud weight:

0 psi 0.468 psi/ft 3,740 psi

9.000 ppg

No backup mud specified.

Tension:

Burst: Design factor

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J)

Buttress: 1.60 (J) 1.50 (J) Premium: 1.60 (B) Body yield:

Tension is based on air weight.

6,908 ft Neutral point:

Surface temperature:

Temperature gradient:

350 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8000	5.5	17.00	Mav-80	LT&C	8000	8000	4.767	65999
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3740	6290	1.68	3740	7740	2.07	136	272.9	2.01 B

Prepared

Dustin K. Doucet

Utah Dept. of Natural Resources

Date: February 19,2003 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Production Casing Cement Stip. (2000')

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 8000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.



Well name:

02-03 Dominion WHB 15-36Erev.

Operator:

Dominion

String type:

Surface

Location:

Uintah

Project ID:

43-047-34123

Design parameters:

Collapse

Mud weight:

8.800 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature: No 65 °F 96 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

<u>3</u>50 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

0 psi

0.468 psi/ft 1,029 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: Buttress:

1.60 (J) 1.50 (J) Premium: Body yield:

Tension is based on air weight.

Neutral point:

1.60 (B)

1,912 ft

Re subsequent strings:

Non-directional string.

Next setting depth:

8,000 ft Next mud weight: 9.000 ppg

Next setting BHP: Fracture mud wt:

3,740 psi 19.250 ppg 2,200 ft

Fracture depth: Injection pressure

2,200 psi

Run	Segment		Nominal		End	True Vert	Measured	Drift	Est.
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Cost (\$)
1	2200	8.625	32.00	J-55	LT&C	2200	2200	7.875	17729
Run Seq	Collapse Load	Collapse Strength	Collapse Design	Burst Load	Burst Strength	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	(psl) 1006	(psi) 2530	Factor 2.52	(psi) 1029	(psi) 3930	3.82	70.4	417	5.92 J

Prepared

Dustin K. Doucet

Utah Dept. of Natural Resources

Date: February 19,2003 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Production Casing Cement Stip. (2000')

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.



14000 Quail Springs Parkway, Suite 600 Oklahoma City, Oklahoma 73134

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DIV. OF OIL, GAS & MINING



STATE OF UTAH

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DATE 2/9/2003		Dorte: Initials: ME (PLEASE PRINT) NATURAL CO DA	ROVE FUTAI	D BY THE S DIVISION S, AND MIN	TATE OF ING	TITL	2/17/2003	DIV. OF UIL, GAS & MINING RECEIVED APR 2 4 2003
DATE 2/9/2003		Date: Initials: ME (PLEASE PRINT) NATURE: CO DA DA SY:	ROVE FUTAI IL, GAS	DBY THES HOIVISION S. AND MIN M/2003 VCD	TATE OF ING	DATI	2/17/2003	RECEIVED APR 2 4 2003 DIV. OF OIL, GAS & MINING

CONFIDENTIAL

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quall Springs Purkway, Suite 600

Oklahoma Ciry, OK 73134

Well Location:

WHB State 15-36E 812' FSL & 1815' FEL

Section 36-10S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uinteh

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Depth</u>
3,910'
4.240
4,400'
5,450*
6,250
7,365

3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL. GAS OR MINERALS

Formation	Depth	Type
Wasatch Tongue	3,910*	Oil
Green River Tongue	4,240	Oti
Wasatch	4,400	Cas
Chapita Wells	5,450'	Ģas
Uteland Burtes	6,250'	Gas
Mesavenie	7.3651	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	<u>Size</u>	Weight	Grade	Conn.	Top	Bostom	<u>Hole</u>
Surface	13-3/8°	48.0 ppf	H-40	STC	0,	86'	17-14°
Intermediate	8-5/8°°	32.0 ppf	J•55	LTC	0'	2,200*	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0.	8,000	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be unlized.

intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth.



APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe. I blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

	Mud System
0' - 500'	Air foam mist, no pressure control
500' - 2.200'	Fresh water, rotating head and diverter
,200' - 8,000"	Fresh water/2% KCL/KCL mod system

7. BLOOIE LINE

- An automatic igniter will not be installed on bloofe line. The bloofe will have a content ignition source.
- A "target tee" connection will be installed on blooic line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The bloose line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- L Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING LOGGING AND CORING PROGRAMS TO BE FOLLOWED

- . A drillsrem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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APPROVAL OF OPERATIONS

CEMENT SYSTEMS 12.

Surface Cement:

Drill 17-1/2" hole to 500' and coment 13-3/8" to surface with 450 sks class "C" coment with 2% CaCle and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

Intermediate Casing Coment:

Drill 12-1/4" hole to 2,200'±, run and cement 8-5/8" to surface.

Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.

Run 1" tubing in annulus to 200'± and cement to surface.

Note: Repeat "Top Out" procedure until cement remains at surface.

Cazing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

1 1					<u>Hole</u>	<u>Cement</u>	
Type	Sacks	Interval	Density	Yield	<u> Volume</u>	<u> ∨olume</u>	Excess
Type Lead	370	0'-1,700'	11.0 ppg	3.82 CFS	707 CF	1,414 CF	100%
Teil	367	1.700'-2.200'	15.6 ppg	1.20 CFS	220 ÇF	440 CF	100%
Top Out	102	0'-200'	15.8 ppg	1.17 CFS	95 CF	119 CF	25% (If required)

Halliburton Prem Plus V blend. Blend includes Class "C" coment, gel, salt, gilsonite, EX-1 and HR-7. Lead Mix:

> Slurry vield: 3.82 cf/sack Shurry weight: 11.00 #/gai.

Water requirement: 22.95 gal/sack Compressives @ 130°F: 157 psi after 24 hours

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water. Tail Mix:

> 1 hr. 5 min. @ 90 °F. Pump Time: Compressives @ 95 F: 24 Hour is 4,700 psi

Top Out. Class "C" Cement, 1/4 lb/sk Cellophane Flakes + 3% bwoc Calcium Chloride + 44.3% fresh water.

Production Casing Cament:

Drill 7-7/8" hole to 5,000'+, rum and cement 5 1/2".

Coment interface is at 3,600', which is typically 500'-1,000' above shallowest pay.

Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.

Displace with 3% KCL.

1			1		Hole	<u>cement</u>	
Type	Sacks	Interval	Density	Yield	<u>Volume</u>	<u>Volume</u>	Exects
Type Lead	89	3,600'-4,400'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	719	4 400'-8 000'	13.0 000	1 75 CES	628 CF	1.258 CF	100%

Note: Caliper will be run to determine exact cament volume-

Halliburton Prem Plus V blend. Blend includes Class "C" coment, gel, sait, gilsonite, EX-1 and HR-7. Lead Mix:

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

17.71 gal/sack Water requirement: Compressives @ 130°F; 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

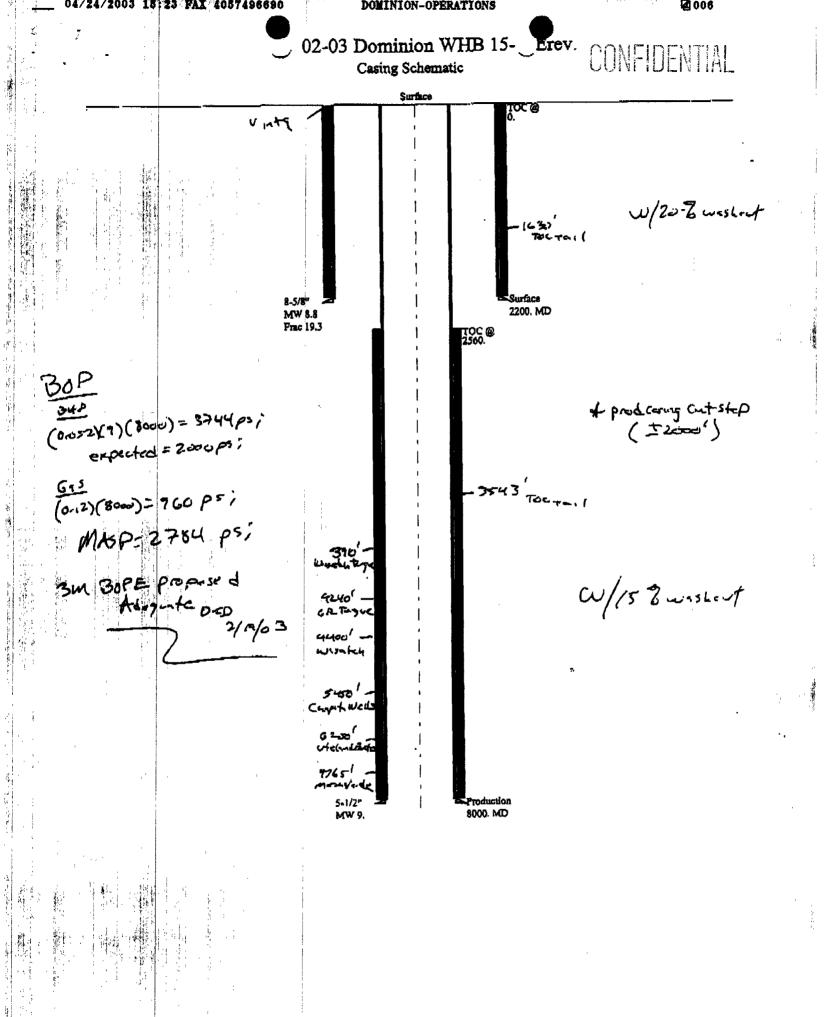
& HR-5. Siurry yield:

1.75 cf/sack Slurry weight: 13.00 #/gal. Water requirement: 9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

STARTING DATE AND DURATION OF THE OPERATIONS

May 1, 2003 Starting Date: Duration 14 Days





02-03 Dominion WHB 15-36Erev. Dominion String type Production Project ID: 43-047-34123 Uintah Location:

Design parameters: Minimum design factors: Environment: Collapse Collapse: H2S considered? 9.000 ppg Mud weight: Design factor 1.125 Surface temperature: 65 °F Design is based on evacuated pipe. **Bottom hole temperature:** 177 °F 1.40 F/100ft Temperature gradient: Minimum section length: 350 ft Burst: Design factor 1.00 560 ft Cement top: <u>Rurst</u> Max anticipated surface pressure: 0 psi Internal gradient: Tension; 8 Round STC: 0.468 asi/ft Non-directional string. 1.80 (4) Calculated BHP 3.740 osl-1.80 (J) 1.60 (J) 1.50 (J) 8 Round LTC: No backup mud specified. **Buttress:** Premium: 1.60 (B) Body yield: Tension is based on air weight. Neutral point: 6,908 ft

Run	Segment		Nominal	•	End	True Vert	Measured	Drift	Est.
Seq	Longth	Size	Weight	Grade	Finish	Depth	Depth	Diameter	Cost
	(ft)	(in)	(lbs/ft)			(ft)	(ft)	(in)	(\$)
1	5000	5.5	17.00	May-80	LT&C	8000	8000	4.767	65999
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(pal)	Fector	(pel)	(psi)	Factor	(kips)	(kips)	Factor
	3740	6290	1.68	3740	7740	2.07	136	272.9	2.01 B

Dustin K. Doucet Utah Dept. of Natural Resources

Date: February 19,2003 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Production Casing Cement Stip. (2000')

Collapse strength is based on the Westcott, Dunlop & Kemler method of blaxial correction for tension.

Collapse is based on a vertical depth of 8000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

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02-03 Dominion WHB 15-36Erev. Operator **Dominion** String type: Surface Project ID: 43-047-34123 Location: **Uintah**

Design parameters: Minimum design factors: **Environment:** Collapse Collapse: H2S considered? Mud weight: 8.800 ppg Design factor 1.125 Surface temperature: 65 °F Design is based on evacuated pipe. Bottom hole temperature: 96 F 1.40 *F/100R Temperature gradient: Minimum section length: _350 ft <u>Burat:</u> Design factor 1.00 Cement top: Surface **Burst** Max anticipated surface pressure: 0 psi Internal gradient 0.468 psi/ft Tension: Non-directional string. Calculated BHP 1,029 pel 1.80 (J) 1.80 (J) 8 Round STC: 8 Round LTC: No backup mud specified. 1.60 (J) 1.50 (J) **Buttress:** Premium: 1.60 (B) Body yield: Re subsequent strings: Next setting depth: 8,000 # Tension is based on air weight. Next mud weight: 9.000 ppg Neutral point: 1,912 ft Next setting BHP: 3,740 psi 19.250 ppg Fracture mud wt: Fracture depth: 2,200 ft Injection pressure 2,200 psi

Run	Segment		Nominal		End	True Vert	Messured	Drift	Est.
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Cost (\$)
1	2200	8.625	32.00	J-55	LT&C	2200	2200	7.875	17729
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psl)	(psi)	Factor	(psi)	(psi)	Factor	(kips)	(kips)	Factor
1	1006	2530	2.52	1029	3930	3.82	70.4	417	5. 92 J

Dustin K. Doucet Utah Dept. of Natural Resources

Date: February 19,2003 Sait Lake City. Utah

ENGINEERING STIPULATIONS: Production Casing Coment Stip. (2000')

Colleges strength is based on the Westcott, Dunlop & Kemler method of blazial correction for tension.

Collapse is based on a vertical depth of 2200 it, a mud weight of 5.8 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

006

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Dominion Exploration & Production, Inc.

Operator Account Number: N 1095

Address:

14000 Quail Springs Parkway, Suite 600

city Oklahoma City

state OK zip 73134

Phone Number: (405) 749-1300

Well 1

API Number	Well	Name	QQ	Sec	Twp	ENHANCED, V. DC. THEE	County
43-047-34123	State 15-36E		SWSE	36	108	珍春	Uintah
Action Code	Current Entity Number	New Entity Number	s	pud Da	le		tity Assignment Effective Date
Α	99999'	13 184	4	1/16/200	3	خ	120/03
Comments:	רחאבות	ENTIAL					,

CONFIDENTIAL

Well 2

API Number	Well	Name	QQ.	Sec	Twp	Rng	Count	ý 🎍 🖟
Action Code	Current Entity /	New Entity Number		Spud Dat	9 1	En	tity Assignme ffective Date	ent
100	Number	**************************************	1	2, 71, 18, 7, 4, 1		, _() 1%		, s s a
Comments:						<u> </u>		

Well 3

API Number 🖽 🦽	Well	Name	QQ Sec Iw	Ring County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
Comments:				

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Signature

Regulatory Specialist

Title

RECEIVED

MAY 1 9 2003

STATE OF LITAH

) (\ !")	DEPARTMENT OF NATURAL RESOUR	RCES							
U	[DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 42175						
	SUNDRY	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe							
Dor	not use this form for proposals to drill ne drill horizontal lat	7. UNIT or CA AGREEMENT NAME:								
1. TY	PE OF WELL OIL WELL	8. WELL NAME and NUMBER: State 15-36E								
Do	ME OF OPERATOR: minion Exploration & Pr	9. API NUMBER: 43-047-34123								
	ADDRESS OF OPERATOR: 14000 Quail Springs CHY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: Natural Buttes									
	FOOTAGES AT SURFACE: 812' FSL & 1815" FEL COUNTY: Uintah									
Q [*]	PRIQTR, SECTION, TOWNSHIP, RANG	BE, MERIDIAN: SWSE 36 10S 1	9E	STATE: UTAH						
11.	CHECK APPR	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA						
•	TYPE OF SUBMISSION		TYPE OF ACTION							
	NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL						
	Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON						
		CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR						
		CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE						
	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL						
	Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF						
	acts of work completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	отнек: <u>Drilling Operations.</u>						
		CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION							

4/16/03 Spud well. On 4/16/03 set 13 3/8', 45# csg., @ 515'. Cemented w/465 Type "V", circulated 40 sx. cmt. to pit. 5/14/03 set 8 5/8", 32#, J-55 csg. @ 2,229.48', cemented lead w/290 sks Hifil "V", tailed w/320 sks Premag 300, circulated 23 bbls to pit. 5/18/03 currently drilling @ 5,990'.

NAME (PLEASE PRINT) Carla Christian	титье Regulatory Specialist
SIGNATURE (CULO Christian)	DATE 5/19/2003

(This space for State use only)

^{12.} DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

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08	DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 42175		
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe				
Do not use this form for proposals to	7. UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL OIL WE	LL GAS WELL 🗹 OTHER		8. WELL NAME and NUMBER: State 15-36E		
2. NAME OF OPERATOR:	9. API NUMBER:				
Dominion Exploration 8	43-047-34123				
3. ADDRESS OF OPERATOR: 14000 Quail Springs	CITY Oklahoma City STATE OK LIN	73134 PHONE NUMBER: (405) 749-1300	10. FIELD AND POOL, OR WILDCAT: Natural Buttes		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 812' FSL 8 1815' FEL COUNTY: Uintah					
QTR/QTR, SECTION, TOWNSHIP,	STATE: UTAH				
11. CHECK AF	PROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION		
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL		
Approximate date work will start	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON		
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR		
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL		
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF		
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	other: <u>Drilling Operations.</u>		
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION			
5/19/03 thru 5/25/03 Drilled f/5,990' to 8,080'. 5/25/03 ran 5 1/2", 17#, M-80, LT&C 8rd csg., set @ 8,052', cemented lead w/200 sks HiFill Type V, tailed w/900 sks HLC Type V. 5/30/03 thru 6/3/03 perf'd and frac'd intervals one thru four.					
	JUN 0 9 2003				
DIV. OF OIL, GAS & MINING					
NAME (PLEASE PRINT) Carla C	Christian	тице Regulatory Spec	ialist		
SIGNATURE CULO	Christian	DATE 6/5/2003			

(This space for State use only)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

0 9	DIVISION OF OIL, GAS AND MIN	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-42175			
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe		
Do not use this form for proposals to drill ne drill horizontal lat	7. UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL OIL WELL GAS WELL OTHER			8. WELL NAME and NUMBER: State 15-36E		
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.			9. API NUMBER: 43-047-34123		
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: (405) 749-1300			10. FIELD AND POOL, OR WILDCAT:		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 812' FS	SL & 1815' FEL		соинту: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RANG	BE, MERIDIAN: SWSE 36 105 19	E est t	STATE: UTAH		
11. CHECK APPR	OPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL		
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON		
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS	OPERATOR CHANGE PLUG AND ABANDON PLUG BACK PRODUCTION (START/RESUME)	TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF		
Date of work completion:	COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
Dominion request permission to commingle production downhole within the Mesaverde and Wasatch formation, following are the perfs: Mesaverde 7774' - 7965', 49 holes, Mesaverde 7603' - 7718' 58 holes, Mesaverde/Wasatch 7085' - 7232', 59 holes, Wasatch 6323' - 6519', 52 holes. Well is currently in the completion process. Dominion recommends volumetric analysis be used as the basis for the production allocation. (See log calculations) Commingling production down hole in the subject well from the proposed formations will not reduce the value of the total remaining production. Any cross flow between intervals due to differential pressure (maximum of 450#) will be insignificant					
due to the low permeabilities in the Wastach and Mesa Verde.					
Please find attached an exhibit showing the location of all wells on contiguous oil and gas leases and an affidavit stating that Dominion has provided a copy of this application to all surrounding owners.					

(This space for State use only)

NAME (PLEASE PRINT) Carla Christian

THE STATE OF THE S

COPY SENT TO OPERATOR Date: 9-10-03 Initials: LHO

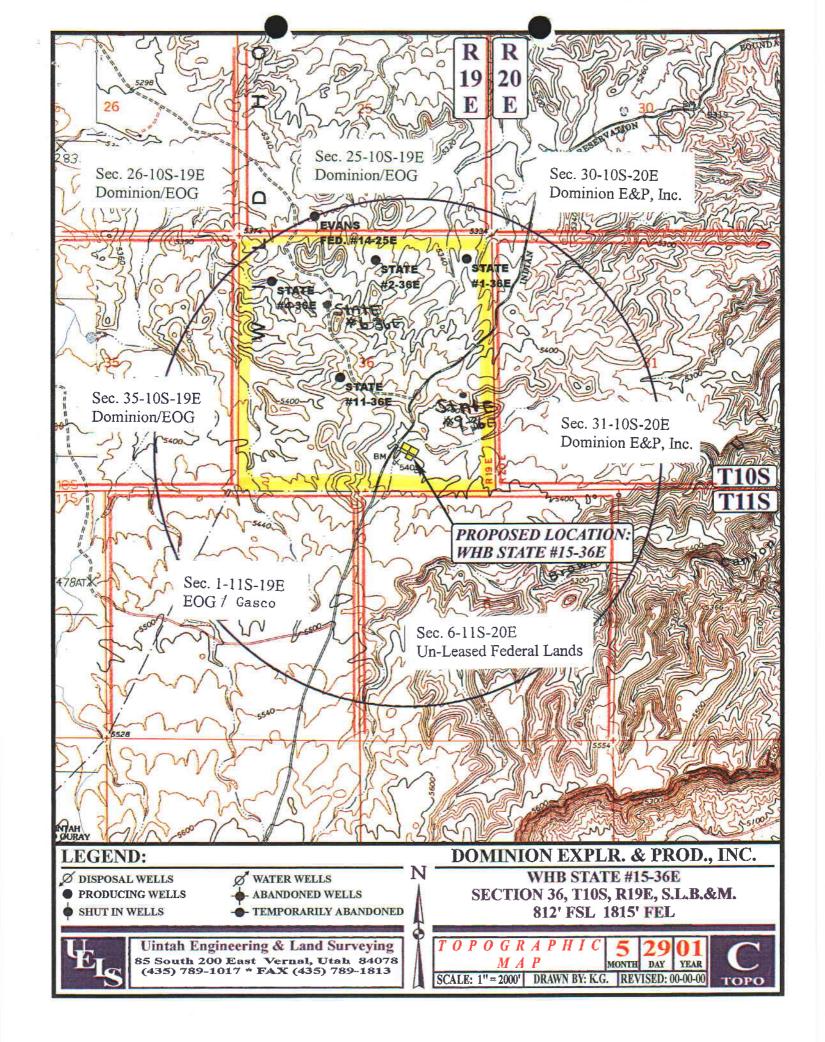
Regulatory Specialist

DATE 6/12/2003

JUN 1 3 2003

DIV. OF ONE HAS A COUNTY

(5/2000)



Volumetric Recoverable Reserves

Well Name WHB 15-36E

Zone: Wasatch

Well Total Depth: **8078** Bottom Hole Temperature: **146**

Recoverable Gas (EUR): 2,092,571 Mcf

Individual Interval Reserve Information

		Top of	Bot. of	Thickness		Avg. Res.	Avg. Sw	HPV	Gas		BHPres	BHPab	Extent	Int. EUA
Interval	Formation	Interval	interval	h, ft	Porosity %	ohm-m	%	PorFt	Gravity	Temp, F	psia	psia	Acres	Mmcf
2	Mesa Verde	7956	7965	9.2	7.8	45	75	0.18	0.6	145	3184.2	131.8	40	64.071
3	Mesa Verde	7889	7901	12.2	8.2	61.4	61.6	0.39	0.6	144.4	3158	131.7	40	136.408
4	Mesa Verde	7844	7851	7.2	9.2	62	54.9	0.3	0.6	143.9	3139	131.6	40	105.651
5	Mesa Verde	7774	7791	17.2	9.6	55.5	55.8	0.73	0.6	143.4	3113	131.4	40	256.53
6	Mesa Verde	7702	7718	16.2	8.8	139.2	38.2	0.88	0.6	142.7	3084	131.3	40	307.642
7	Mesa Verde	7677	7692	15.2	8.2	78.7	54.5	0.57	0.6	142.5	3073.8	131.2	40	197.543
8	Mesa Verde	7670	7672	2.2	8.6	104.5	44.9	0.11	0.6	142.4	3068.4	131.2	40	36.265
9	Mesa Verde	7603	7622	19.2	8.7	148.8	37.4	1.05	0.6	141.9	3045	131.1	40	361.712
10	Mesa Verde	7230	7232	2.2	7.6	91.9	53.7	0.08	0.6	138.5	2892.4	130.2	40	25.772
11	Mesa Verde	7222	7227	5	7.2	100.4	54.2	0.17	0.6	138.4	2889.8	130.2	40	54.859
13	Mesa Verde	7173	7186	12.8	8.9	90.3	46.9	0.6	0.6	138	2871.8	130.1	40	200.307
	Mesa Verde Total	(83.5% of TO	TAL)											1746.76
14	Wasatch	7123	7127	4.2	7.4	67.2	64.7	0.11	0.6	137.5	2850	130	40	36,118
16	Wasatch	7085	7090	5.2	8	80	55	0.11	0.6	137.2				
17	Wasatch	6514	6519	5.2	9.3	58.2	55.8	0.19	0.6		2835	129.9	40	61.371
18	Wasatch	6323						+		132.1	2606.6	128.7	40	65.506
10	vy asaich	0323	6333	10.2	11.1	62.1	46	0.61	0.6	130.4	2531.2	128.3	40	182.816
	Wasatch Total	(16.5% of TO	TAL)											345.811



Gamma Ray / Caliper

Baker Atlas

VITNESSED BY

					• , 1				
FILE NO:		COMPANY WELL		N EXPLORATION & TE 15–36E	PRODUCTION				
API NO:		FIELD	NATURAL	BUTTES					
43-047-34123		COUNTY	UINTAH		STATE UTAH				
Ver. 3.81		LOCATION	1•		OTHER SERVICES				
			& 1815' FEL		OTHER SERVICES				
FINAL PRINT		***							
		SEC <u>36</u>	TWP 105	RGE 19E					
PERMANENT DATE	464	CI	EI EVATI	ON 5397 FT	ELEVATIONS:				
					KB 5414 FT				
.OG MEASURED I		KB	<u> </u>	ABOVE P.D.	DF 5413 FT				
)RILL. MEAS. FRO	DM	KB			GL 5397 FT				
)ATE			24-May-2003						
UN	TRIP		1	1					
ERVICE ORDER			393630	•					
EPTH DRILLER			8080 FT						
EPTH LOGGER			8078 FT						
NOTTOM LOGGED	INTERV	'AL	8078 FT						
OP LOGGED INTI	ERVAL	·	0 FT						
ASING DRILLER			8.625 IN	●2229 FT	0				
ASME LOGGER			2227 FT						
HT SIZE			7.875 IN						
YPE OF FLUID I	N HOLE		CRYSTAL-DRILL						
)ENSITY	VISCO	SITY	8.7 LB/G	40 S					
H	FLUID	LOSS	7.0	12.2 C3					
COURCE OF SAME	PLE		FLOWLINE						
IM AT MEAS. TEI	MP.		0.30 OHMM	●75 DEGF	0				
IMF AT MEAS. TO	MP.		0.23 OHMM	●75 DEGF	•				
IMC AT MEAS. TI	EMP.		0.38 OHMM	●75 DEGF	•				
OURCE OF RMF		RMC	CALCULATED	CALCULATED					
IM AT BHT			0.16 OHMM	●146 DEGF	•				
THE SINCE CIRC	ULATION	1	6 HOURS						
AAX. RECORDED			146 DEGF						
QUIP. NO.	LOCAT	TON	HL-6596	WOODWARD,OK					
RECORDED BY			S.JARSKI/J.V						

MR. JIM MILLER

JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAWAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION CUSTOMER EMPLOYEES INTERPRETATIONS 9 R ANY OF IN MAKING JUDGEMENT. 占

REMARKS

CONDITIONS PREVENTING RETURN TO TO REPEAT RUN UP HOLE DUE TO ROUGH HOLE

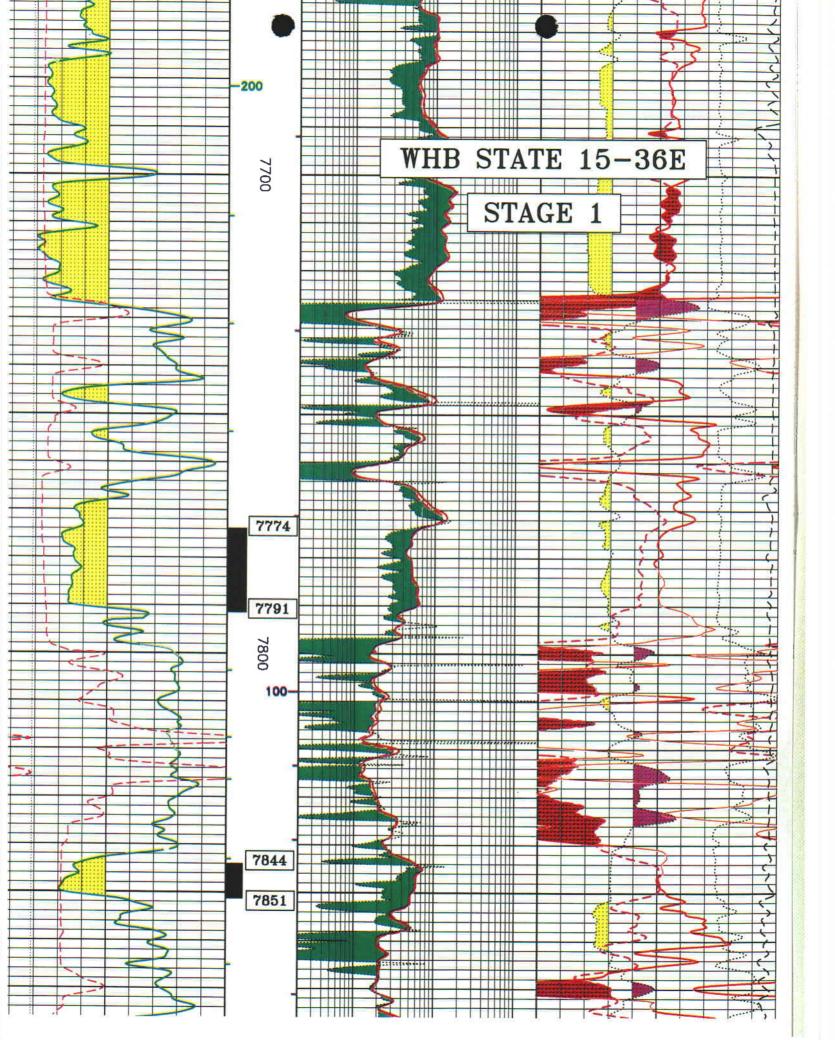
RUN 1 TRIP

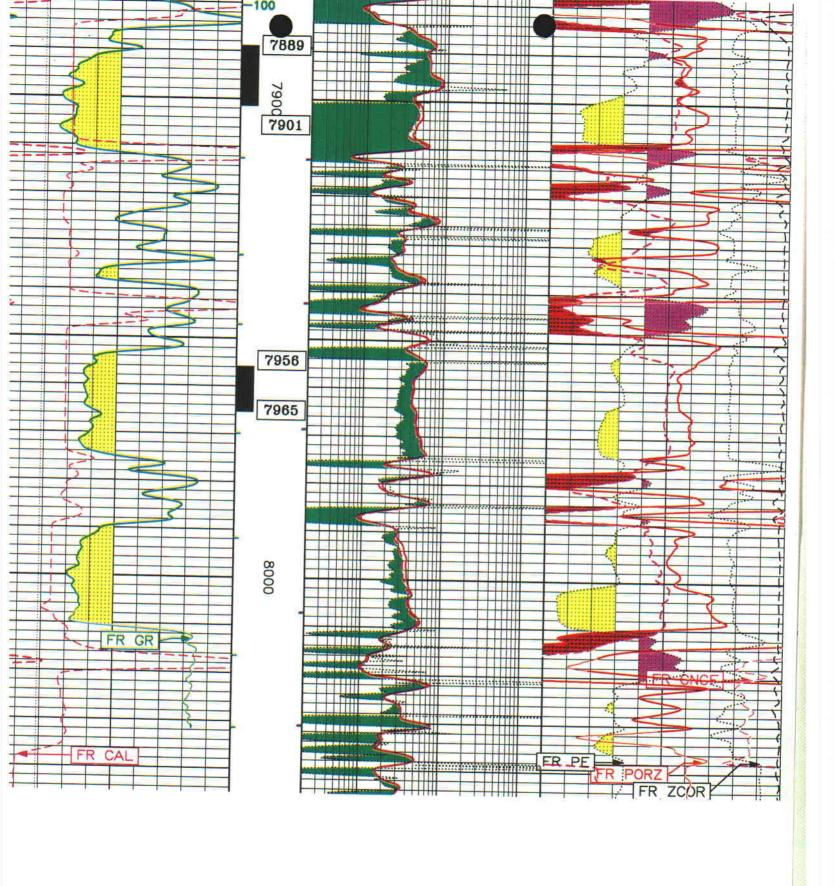
Z-DENSILOG AND COMPENSATED NEUTRON RAN ON A SANDSTONE MATRIX. CNC BOREHOLE AND SALINITY CORRECTED.

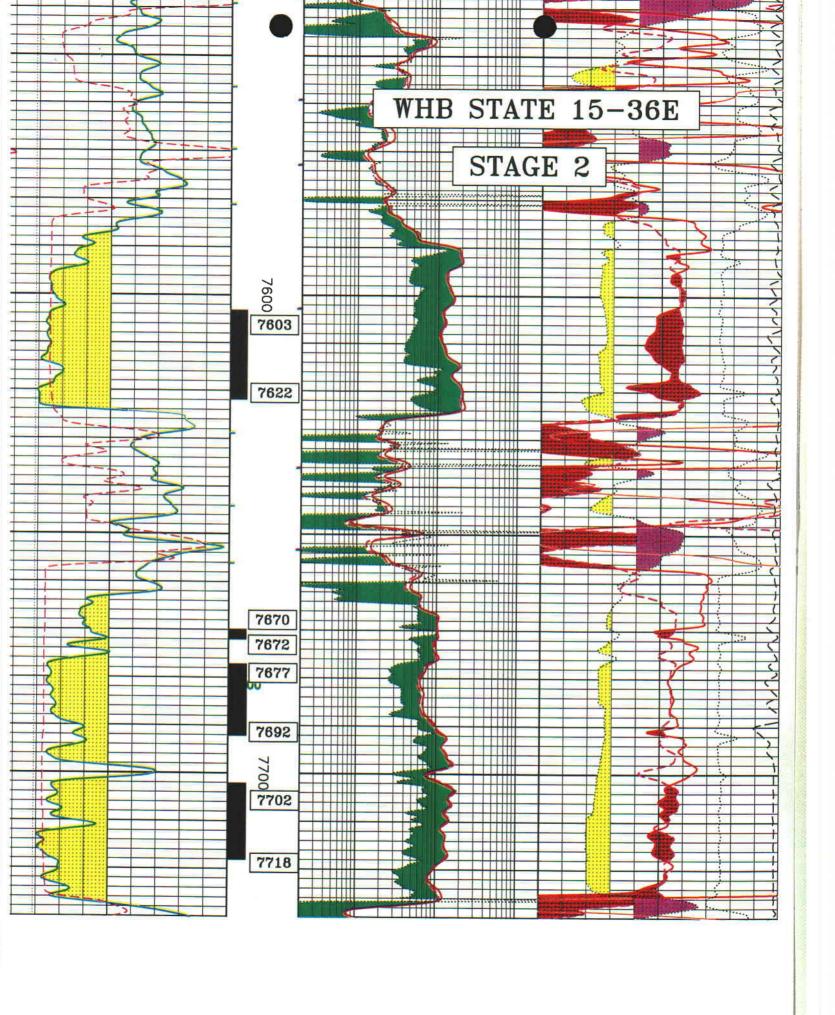
RHO MATRIX = 2.68 gm/cc RHO FLUID = 1.00 gm/cc

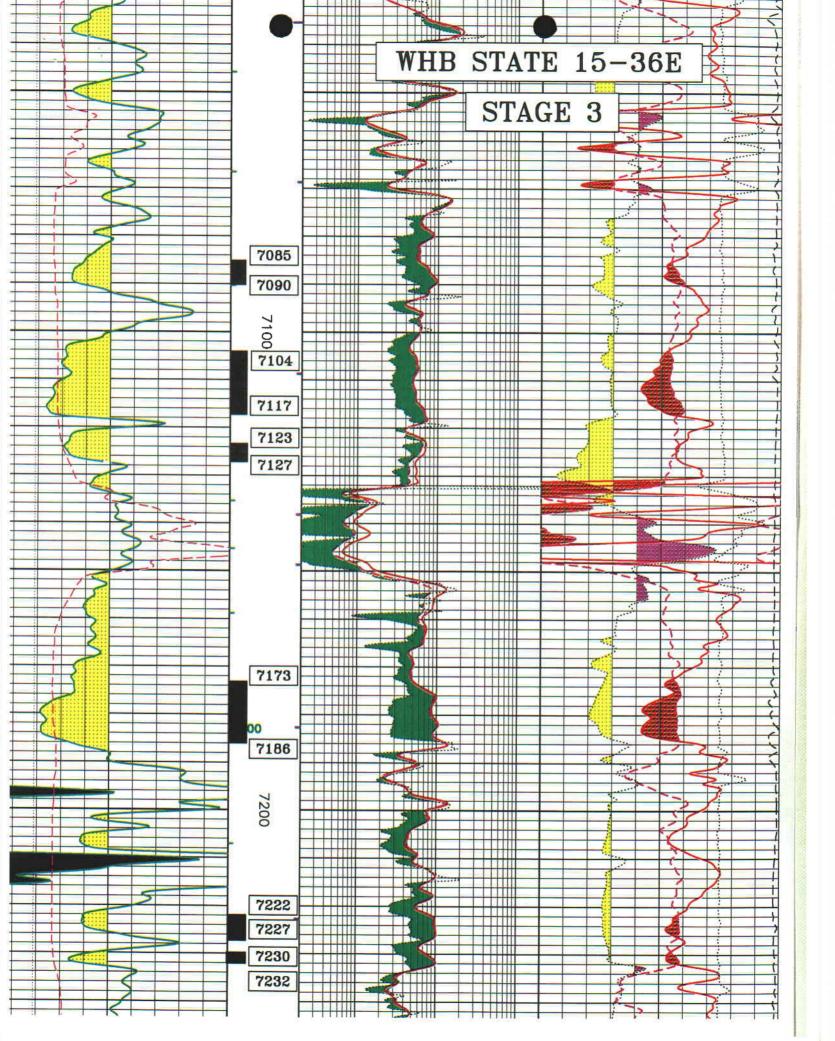
5 1/2" CASING BOREHOLE VOLUME -= TOTAL = TOTAL 28g 28g

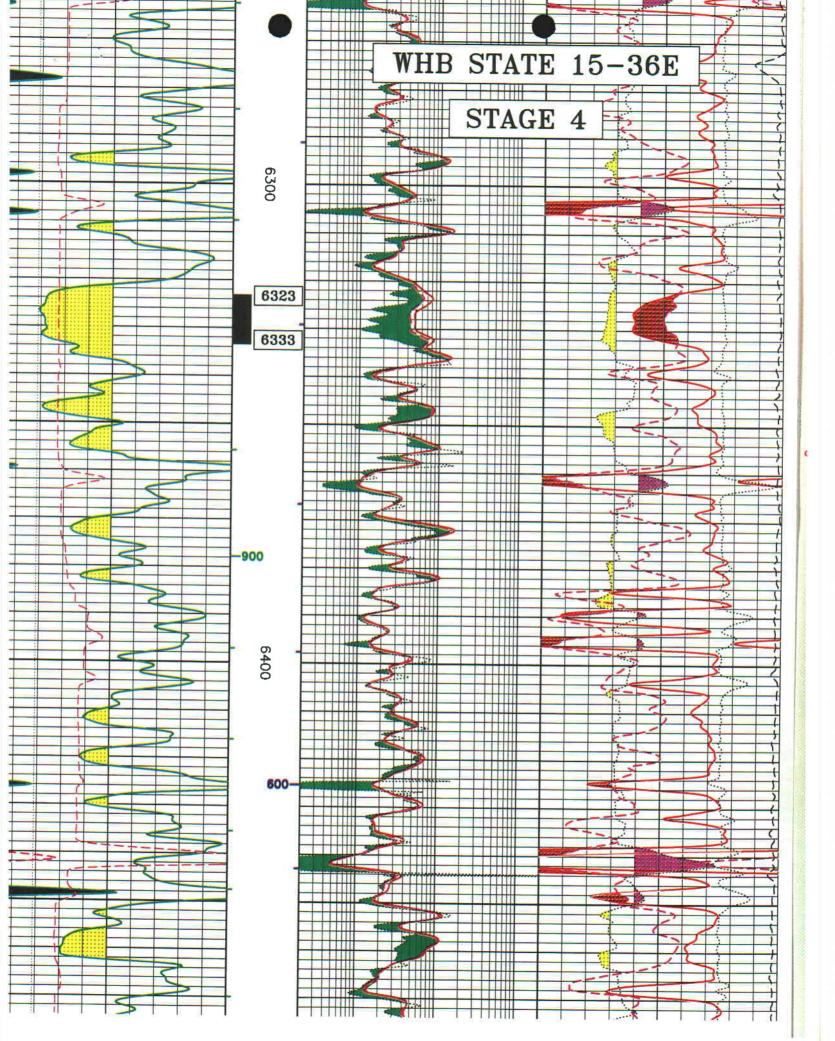
RIG: PATTERSON UT! NO.104 CREW: J.WAGES, E.NORBURY BAKER ATLAS APPRECIATES DOMINION'S WORK!!!

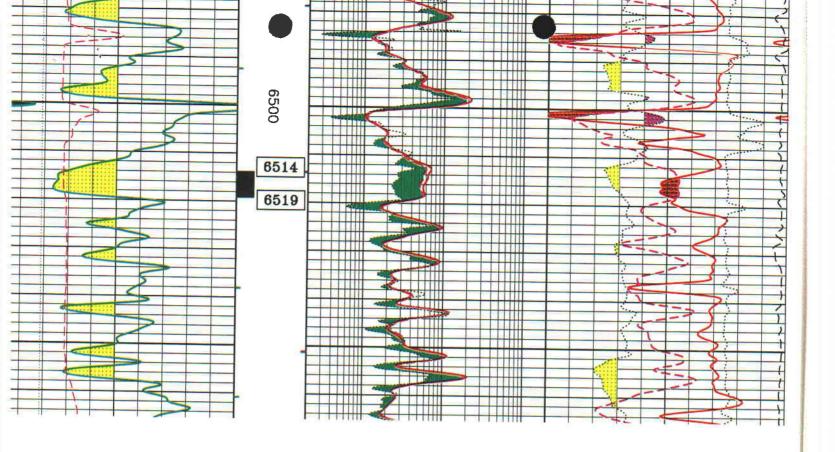


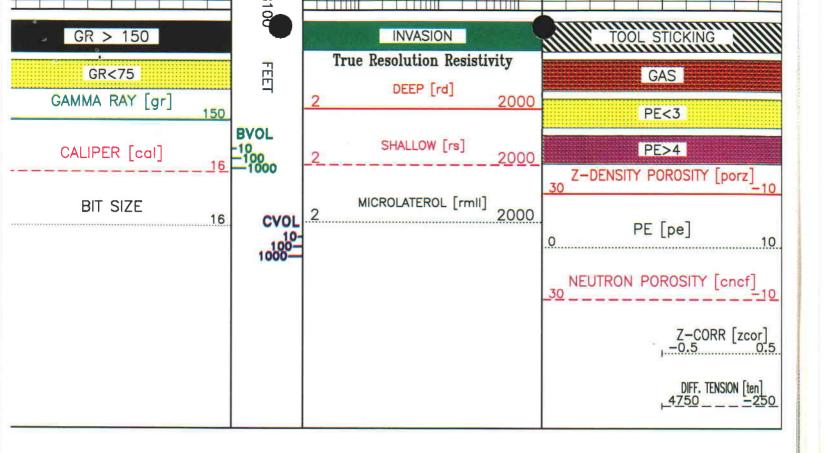












In re: DOMINION State 15-36E - Commingling Application

Section 36-10S-19E Uintah County, Utah API# 43-047-34123

AFFIDAVIT OF NOTICE

The undersigned, on behalf of Dominion Exploration & Production, Inc. hereby certifies that:

1. On June 12, 2003, a copy of the application was mailed to the owners of all contiguous oil and gas leases surrounding the Dominion State 15-36E, section 36-10S-19E. Following are the owners:

Attn: Bob Davis EOG Resources, Inc. 600 Seventeenth Street, Suite 1100N Denver, CO 80202

Gasco Energy, Inc. 14 Inverness Drive East, Suite H-236 Englewood, CO 80112

U.S. Department of the Interior Bureau of Land Management 170 South 500 East Vernal, UT 84078

The undersigned further states that she has been authorized to make this certificate and that the information provided above has been prepared by the undersigned or under the supervision or direction of the undersigned and that the information provided herein is true and correct, to the best of the undersigned's knowledge.

Signature

Name: Carla Christian

Title: Regulatory Specialist

Coula Christian

Date: June 12, 2003

State of Oklahoma County of Oklahoma

Subscribed and sworn to before me on this 12th day of June 2003, to certify which witness my hand and seal of office.

My commission expires:

9-1-05 Policy No: 0008013

Notary Public

Lona a. Renfe

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STATE OF UTAH

						OF UT								REPORT		FORM 8	
10								URCES			•		0 0	hanges)	AND SE	RIAL NUMBER:	
IV		با	IVIOI	OIV O	r OIL,	GAG.	VIAD I	VIIIŅIIN	J,		7 · · · · · · · · · · · · · · · · · · ·		ML-42			WAS HOMBER	
WELI	COM	IPLET	ION	OR F	RECC	MPL	ETIC	N R	EPOF	RT AND	LOG	4		ALLOTTEE (E NAME	
1a. TYPE OF WELL:			LL [GAS E		DRÝ	$\overline{\Box}$		IRIOD		7. L	JNIT or CA	AGREEMEN	IT NAME		
		***	ill L	•	WELL E					PIRED							
	HORIZ.] PEN	EP]	RE- ENTRY		DIFF. RESVR.		V_011	-6-04.	EL CLEDIUM, IN		State	E and NUME 15-36E	BER:		
2. NAME OF OPERA Dominion	Explora	tion & P	roduc	ction, I	nc., 1	4000 C	Quail S	Springs	s Park		فمح للاج الأرار	4	9. API NUMBER: 43-047-34123				
3. ADDRESS OF OP Suite 600	ERATOR:	C)	τγ Ók	lahom	a City	STATE	ОК	ZIP 731	170		NUMBER: 5) 749-130			POOL, OR		Т	
4. LOCATION OF WI	ELL (FOOTA	(GES)								HE(EIVED	11.	QTR/QTR,	SECTION,	TOWNS	HIP, RANGE,	
AT SURFACE:	812' FS	L & 181	15' FE	:L						li u	_	4	WSE			19E	
AT TOP PRODUC	CING INTER	VAL REPOR	TED SEI	LOW:						JUL	2 5 2003		,,,,	00 1	0.0	.02	
AT TOTAL DEPTI	Н:			4.	. ,	,			DIV	OF OIL,	GAS & MINII	√ G 12.	COUNTY Jintah		13	3. STATE UTAH	
14. DATE SPUDDED 4/16/2003): 1	15. DATE T. 5/21/2		HED:	1	E COMPL /2003	ETED:	, A	ABANDON	ED	READY TO PROD	UCE 🔽		ATIONS (D 197' GL	F, RKB,	RT, GL):	
18. TOTAL DEPTH:	MD 8.0	080	Ţ.	19. PLUG			8.000		20. IF	MULTIPLE CO	OMPLETIONS, HO	W MANY? *	21. DEP	TH BRIDGE	MD		
	TVD					TVD	./:						PL	UG SET:	T∨D		
22. TYPE ELECTRIC	AND OTHE	R MECHAN	ICAL LO	GS RUN (Submit co	py of each				23.							
Dual/Micro L Compensate	aterologed Neutr	g, Com; ron Log	oensa Gam	ited Z- ma Ra	Densi ay/Cali	log iper -		13-62 5-62		WAS WELL WAS DST DIRECTION		NO NO NO	Z Y	res 🗍 res 🗍 res 🦳	(Subm	it analysis) it report) it copy)	
24. CASING AND LI									· · · ·						••••		
HOLE SIZE	SIZE/GR	ADE	WEIGHT	(#/ft_)	тор	(MD)	вотто	M (MD)		CEMENTER EPTH	CEMENT TYPE A		RRY IE (BBL)	CEMENT	TOP **	AMOUNT PULLED	
17 1/2"	13 3	/8"	48	3#	Surfac	ce	5	15			465 Sx Typ	e l		Cir	C	<u> </u>	
12 1/4"	8 5/8	J55	32		Surfa			229			620 Sx Hifil	+		Cir			
7 7/8"	5 1/2		17		Surfac)52			1100 Sx Hi			1368			
	1,843	- No. 1 C										1					
	, , , , , , , , , , , , , , , , , , , ,										1 2 6						
											2 3 4						
25. TUBING RECOR	D.	· 1														<u> </u>	
SIZE		SET (MD)	TPACK	ER SET (MD)	SIZE		DEPTH	SET (MD	PACKE	R SET (MD)	SIZE	Ь	EPTH SET (мрі Т	PACKER SET (MD)	
2 3/8"		940							02. (/ / / / / / / / / / / / / / / / / / / /	1021 (1112)				-	,	
26. PRODUCING IN	<u> </u>		·	T 0 000 000 000						27. PERFO	RATION RECORD						
FORMATION	NAME	TOP ((MD)	вотто	M (MD)	TOP	(TVD)	вотто	M (TVD)	INTERVA	L (Top/Bot - MD)	SIZE	NO. HOL	ES P	ERFOR	ATION STATUS	
(A) Mesaverd	e	7,1	48	7.9	965					7774 - 7	965		49	Open	V	Squeezed	
(B) Mesaverd	e	7,1		7.	965					7603 - 7	718		58	Open	==-	Squeezed	
(c) Mesv./Ute		6,3		-	965					7085 - 7			59	Open		Squeezed	
(D) Uteland B		6,3		 	147					6323 - 6		1	52	Open	=-	Squeezed	
28. ACID, FRACTUR				1		1		!		3020	0.10	1					
	NTERVAL		<u> </u>						AM	OUNT AND T	YPE OF MATERIA						
7774 - 7965			Eroc	· w/25	305 a	als of	VE 10	OCT :			2, and 72,0		20/40 E	PEOOD	cond		
7603 - 7718											2, and 72,0 2, and 64,0				_		
																·-	
7085 - 7232 29. ENCLOSED ATT	ACHMENTS	≥.	гтас	w/32,	ინნ ც	ais Oi	1 - 113	JOI W	304.3	IVISCI IV	2, and 68,46)O 105 Z	U/4U U			STATUS:	
		6323 HANICAL LO		- Frac	w/23,89	1 gals o	_	SST W/2 GEOLOGI			d 87,087 lbs 20 DST REPORT	_	wa sand CTIONAL S				
=		OR PLUGGI		CEMENT	VERIFIC	ATION		CORE AN			OTHER:				۲	roducing	

31. INITIAL PRO	DUCTION				INT	ERVAL A (As show	wn in item #26)				
DATE FIRST PRO 6/6/2003	ODUCED:	7/19/2			HOURS TESTED	: 24	TEST PRODUCTION RATES:	01L - 8вц: 5	GAS MCF: 705	WATER - BE	L: PROD. METHOD: , Flowing
CHOKE SIZE: 48/64	твб. press. 276	CSG. PRE		API GRAVITY	BTU – GAS	GAS/OIL RATIO 1:141,000		N OIL - BBL:	GAS - MCF: 705	WATER - BE	L: INTERVAL STATUS: Producing
					INT	ERVAL B (As show	wn in item #26)				•
DATE FIRST PRO	ODUCED:	TEST DAT	re:		HOURS TESTED):	TEST PRODUCTION RATES:	OIL - BBL:	GAS - MCF:	WATER - BE	L: PROD. METHOD:
CHOKE SIZE:	TBG, PRESS.	CSG. PRE	SS. A	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: []	N OIL - BBL:	GAS MCF:	WATER - BE	L: INTERVAL STATUS:
	•				INTE	ERVAL C (As show	wn in Item #26)	•			
DATE FIRST PRO	ODUCED:	TEST DA	re:		HOURS TESTED	t:	TEST PRODUCTION RATES:	OIL - BBL:	GAS - MCF:	WATER - BE	L: PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRE	SS. A	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	N OIL – BBL:	GAS – MCF:	WATER - BE	L: INTERVAL STATUS:
	•	•			INT	ERVAL D (As sho	wn in item #26)				
DATE FIRST PRO	ODUCED:	TEST DA	ſE:		HOURS TESTED):	TEST PRODUCTION RATES:	OIL - BBL:	GAS - MCF:	WATER - BE	L: PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG, PRE	SS. A	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: []	N OIL - BBL:	GAS - MCF:	WATER - 86	L: INTERVAL STATUS:
32. DISPOSITIO Sold	N OF GAS (Sol	d, Used for F	uel, Vente	ed, Etc.)	1		<u> </u>		<u> </u>		
33. SUMMARY	OF POROUS ZO	ONES (Include	Aquifers	s):		· · · ·		34. FORMATION (Log) MARKERS:		
Show all importar tested, cushion us					ls and all drill-stem recovenes.	tests, including de	pth interval				
Formatio	n	Top (MD)	Botto (MD		Descript	ions, Contents, etc			Name		Τορ (Measured Depth)
								Wasatch To Uteland Lin Wasatch Chapita We Uteland Bu Mesaverde	nestone ells ttes		3,774 4,123 4,271 5,002 6,308 7,148

35. ADDITIONAL REMARKS (Include plugging procedure)

56. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.									
NAME (PLEASE PRINT) Carla Christian	TITLE	Regulatory Specialist							
SIGNATURE (Mula Christian	DATE	7/21/2003							

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- · drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- ** ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operato	or (Well Sold)
-----------------------	----------------

X - Change of Operator (Well Sold)	Operator Name Change/Merger										
The operator of the well(s) listed below has char	nged, effectiv	ve:			7/1/2007	·					
FROM: (Old Operator):	ROM: (Old Operator):										
N1095-Dominion Exploration & Production, Inc	1095-Dominion Exploration & Production, Inc										
14000 Quail Springs Parkway, Suite 600			810 Ho	uston St							
Oklahoma City, OK 73134			Fort Wo	orth, TX 70	6102						
DI 1 (405) 540 1200			DI 1/015	070 2000							
Phone: 1 (405) 749-1300			Phone: 1 (817)	870-2800							
CA No.			Unit:		<u> </u>	I	T				
WELL NAME	SEC TWN	RNG	API NO		LEASE TYPE	ł	WELL				
CEE ATTACHED LICT	1	T		NO		TYPE	STATUS				
SEE ATTACHED LIST	1			<u> </u>		I	<u></u>				
OPERATOR CHANGES DOCUMENT	ATION										
Enter date after each listed item is completed											
1. (R649-8-10) Sundry or legal documentation w	as received t	from the	FORMER ope	rator on:	8/6/2007						
2. (R649-8-10) Sundry or legal documentation w			_		8/6/2007	•					
3. The new company was checked on the Depart			-		s Database on:	•	8/6/2007				
4a. Is the new operator registered in the State of			Business Numb		5655506-0143						
4b. If NO , the operator was contacted contacted			-			-					
5a. (R649-9-2)Waste Management Plan has been r			IN PLACE								
5b. Inspections of LA PA state/fee well sites comp			n/a	•							
5c. Reports current for Production/Disposition &			ok	-							
6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA											
7. Federal and Indian Units:	di oi indidii	icubes (-		-				
The BLM or BIA has approved the successo	r of unit one	rator fo	r wells listed on:	<u>.</u>							
8. Federal and Indian Communization Ag					·	-					
The BLM or BIA has approved the operator	-										
9. Underground Injection Control ("UIC				oved UIC F	orm 5, Transfer	of Auth	ority to				
Inject, for the enhanced/secondary recovery u		or the w	ater disposal wel	ll(s) listed o	on:						
DATA ENTRY:			-				_				
1. Changes entered in the Oil and Gas Database	on:		9/27/2007								
2. Changes have been entered on the Monthly O		ange Sp	read Sheet on:	-	9/27/2007	-					
3. Bond information entered in RBDMS on:			9/27/2007	-							
4. Fee/State wells attached to bond in RBDMS of			9/27/2007	-							
5. Injection Projects to new operator in RBDMS			9/27/2007	0/07/0005	,						
6. Receipt of Acceptance of Drilling Procedures	tor APD/Ne	w on:		9/27/2007	_						
BOND VERIFICATION:			LTTD000120								
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 			UTB000138 n/a	-							
Indian well(s) covered by Bond Number:3a. (R649-3-1) The NEW operator of any state/f	ee well(s) lis	sted cov		- umber	104312762						
3b. The FORMER operator has requested a relea				1/23/2008		-					
The Division sent response by letter on:	or monity	,		2.20.2000	-						
LEASE INTEREST OWNER NOTIFIC	CATION					·					
4. (R649-2-10) The NEW operator of the fee well		ontacted	d and informed h	v a letter fr	om the Division						
of their responsibility to notify all interest own											
COMMENTS:		·····									

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	5. LEASE DESIGNATION AND SERIAL NUMBER:				
SUNDR	Y NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill drill horizontal l	new wells, significantly deepen existing wells below cur laterals. Use APPLICATION FOR PERMIT TO DRILL f	rent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME:		
TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER		8. WELL NAME and NUMBER:		
			SEE ATTACHED		
2. NAME OF OPERATOR:	N2615		9. APINUMBER:		
XTO Energy Inc. 3. ADDRESS OF OPERATOR: 810 H	louston Street	PHONE NUMBER:	SEE ATTACHED 10. FIELD AND POOL, OR WILDCAT:		
		76102 (817) 870-2800	Natural Buttes		
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE A	ATTACHED		соинту: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:		STATE: UTAH		
11. CHECK APP	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE REPO	DRT OR OTHER DATA		
TYPE OF SUBMISSION	T TO THE BOX TO THE TOTAL	TYPE OF ACTION	IN, ON OTHER DATA		
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION		
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL		
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON		
1,	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR		
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK			
(Submit Original Form Only)			WATER DISPOSAL		
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF		
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:		
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION			
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volum	nes, etc.		
Effective July 1, 2007,	XTO Energy Inc. has purchased	the wells listed on the attachmer	t from:		
Dominion Exploration of 14000 Quail Springs Polylahoma City, OK 73	Parkway, Suite 600	5			
Sr. Vice President, Ge Please be advised tha under the terms and c	t XTO Energy Inc. is considered to onditions of the lease for the oper vide BLM Bond #104312750 and	ss Unit to be the operator on the attache rations conducted upon the lease	lands. Bond coverage		
NAME (PLEASE PRINT) Edwin S. SIGNATURE	Ryan, Jr., L. Lym, Th	TITLE Sr. Vice Preside	nt - Land Administration		
This was for Oak	al		OFIVED		
This space for State use only)	D 9137107		RECEIVED		
APPROVE	1 101101		ALIC O 6 2007		

(5/2000)

Coulene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

AUG U D ZUU!

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4301530633	SKYLINE U 1-6	NENE	06	160S		UTU-77263	99999	Federal	GW	DRL
4304731138	RBU 11-34B	NESW	34	090S	190E	U-017713	7058	Federal	GW	P
4304731179	BARTON FED 1-26	NWSE	26	100S	190E	U-43156		Federal	1	P
4304731724	RBU 11-35B	NESW	35	090S	190E	U-017713		Federal		S
4304731818	WILLOW CREEK UNIT 2	SESW	05			U-39223		Federal		TA
4304731878	EVANS FED 3-25	NENW	25	100S	190E	U-43156			GW	P
4304731879	EVANS FED 41-26	NENE	26			U-43156		and the second section of	GW	P
4304731881	APACHE 12-25	NWSW	25	100S	190E	UTU-3405		Indian	GW	P
4304731897	END OF THE RAINBOW 21-1	SWSE	21	110S	240E	U-54224		Federal		S
4304731922	APACHE FED 44-25	SESE	25	100S	190E	U-3405				S
4304732094	RBU 13-35B	SWSW	35			U-017713		Federal		S
4304732222	RBU 15-35B	SWSE	35			U-017713			GW	S
4304732237	FEDERAL 13-26B	SWSW	26			UTU-68625				S
4304732394	EVANS FED 12-25A	SWNW	25			U-43156			GW	Р
4304732395	EVANS FED 32-26	SWNE	26			U-43156				P
4304732515	WHB 1-25E	NENE	25			U-73011				P
4304732557	FEDERAL 12-11	SWNW	11	1000000		UTU-66425				S
4304732558	FEDERAL 34-30	SWSE	30			UTU-66410				S
4304732559	FEDERAL 22-22	SENW	22			UTU-66409		Federal		P
4304732560	FEDERAL 21-27	NENW	27	-		UTU-66422			1	P
4304732600	RBU 1-21EO	NENE	21			U-013766			ow	S
4304732681	LANDING STRIP FEDERAL 44-10		10			UTU-69430		Federal		
4304733019	BLACK DRAGON UNIT 31-34	NWNE	34			UTU-66422		Federal		
4304733242	FEDERAL K 23-22	NESW	22	110S	210E	UTU-75098		Federal		
4304733299	FED K 12-22	SWNW	22	110S	210E	UTU-75098			GW	
4304733508	EVANS FED 15-26E	SWSE	26	100S	190E	U-3405	12767	Federal	GW	P
4304733509	EVANS FED 9-26E	NESE	26	100S	190E	UTU-3405		Federal		<u> </u>
4304733510	EVANS FED 10-25E	NWSE	25	100S	190E	U-3405			GW	
4304733511	EVANS FED 14-25E	SESW	25	100S	190E	U-3405	12793	Federal	GW	P
4304734000	RBU 1-18E	NENE	18	100S	190E	UTU-3576	14549	Federal	GW	P
4304734669	EVANS FED 4-25E	NENE	26	100S	190E	U-43156	13588	Federal	GW	P
4304734887	EVANS FED 2-26E	NWNE	26	100S	190E	U-43156	13830	Federal	GW	P
4304734908	EVANS FED 15-25E	NWSE	25	100S	190E	U-3405	14023	Federal	GW	P
4304734909	WH FED 11-26E	NESW	26	100S	190E	UTU-3405	14629	Federal	GW	P
4304734984	WHB 4-26E	NWNW	26	100S	190E	U-43156	14898	Federal	GW	P
4304734985	WHB 6-26E	SENW	26	100S	190E	U-43156	14886	Federal	GW	P
4304735034	EVANS FED 8-26E	SENE	26	100S	190E	U-43156	14145	Federal	GW	P
4304735035	WHB 12-26E	NWSW	26	100S	190E	UTU-3405	14899	Federal	GW	P
4304735036	EVANS FED 11-25E	NESW	25	100S	190E	UTU-3405	14134	Federal	GW	P
4304735037	EVANS FED 13-25E	SWSW	25	100S	190E	UTU-3405	14090	Federal	GW	P
4304735043	EVANS FED 16-26E	SESE	26	100S	190E	UTU-3405	14372	Federal	GW	P
4304735063	EVANS FED 8-25E	SENE	25	100S	190E	U-43156	14089	Federal	GW	P
4304735064	EVANS FED 6-25E	SENW	25	100S	190E	U-43156	14135	Federal	GW	P
4304735065	EVANS FED 9-25E	NESE	25	100S	190E	UTU-3405	13983		GW	
4304735102	EVANS FED 2-25E	NWNE	25	100S	190E	U-43156	13956	Federal	GW	P
4304737451	WHB 13-26E	SWSW	26	100S	190E	UTU-3405	16058		GW	
4304738869	LOVE 4-20G	NWNW	20	110S	210E	UTU-076040			GW	DRL
4304739064	UTE TRIBAL 2-11H	NENW				14-20-H62-5611				DRL

1 09/27/2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731777	STATE 4-36E	NWNW	36			ML-42175	11186			P
4304731784	STATE 12-36E	NWSW	36			ML-42175	99998		GW	
4304732019	STATE 11-36E	NESW	36			ML-42175	11232	the same of the sa	GW	P
4304732224	STATE 5-36B	SWNW	36			ML-45173	11363	·	GW	PA
4304732249	STATE 9-36B	NESE	36		<u> </u>	ML-45173	11372		GW	PA
4304732316	RBU 12-2F	NWSW	02			ML-10716	99998		GW	LA
4304732404	STATE 2-36E	NWNE	36			ML-42175	99998	· · · · · · · · · · · · · · · · · · ·	GW	LA
4304732405	STATE 9-36E	NESE	36			ML-42175	99998		GW	LA
4304732845	H R STATE S 22-2	SENW	02			ML-42215	1	State	GW	LA
4304732870	H R STATE S 24-2	SESW	02			ML-42215	 	State	GW	-
4304732940	H R STATE S 42-2	SENE	02			ML-42215	13175		D	PA
4304732979	STATE 2-36E	NWNE	36			ML-42175	12390		GW	P
4304733129	STATE G 22-32	SENW	32			ML-47063	12370	State	-	LA
4304733130	H R STATE S 44-2	SESE	02			ML-42215	†	State	GW	LA
4304733169	STATE M 42-2	SENE	02			ML-47078	1	State	GW	LA
4304733173	STATE M 23-2	NESW	02			ML-47078	1	State		LA
4304733174	STATE M 44-2	SESE	02			ML-47078	1	State	GW	LA
4304733175	STATE N 31-16	NWNE	16			ML-47080	1	State	GW	
4304733176	STATE Q 44-16	SESE	16			ML-47085	13134		D	PA
4304733181	STATE 1-36E	NENE	36			ML-42175	12539		GW	
4304733738	STATE 1-2D	NENE	02			ML-26968		State		LA
4304733740	STATE 9-2D	NESE	02			ML-13215-A		State		LA
4304733837	STATE 7-36E	SWNE	36			ML-42175	13186			P
4304734012	CLIFFS 15-21L	SWSE	21		250E	AND ADDRESS OF THE PARTY OF THE		Fee	+	LA
4304734123	STATE 15-36E	SWSE	36			ML-42175	13784			P
4304734124	STATE 9-36E	NESE	36	100S	190E	ML-42175	13760			P
4304734241	STATE 5-36E	SWNW	36	100S	190E	ML-42175	13753		GW	P
4304734284	STATE 13-36E	SWSW	36	100S	190E	ML-42175	13785			P
4304734285	STATE 6-36E	SENW	36	100S	190E	ML-42175	13370	State	GW	P
4304735089	WHB 8-36E	SENE	36	100S	190E	ML-42175	14024	State	GW	P
4304735612	WHB 14-36E	SESW	36	100S	190E	ML-42175	14759	State	GW	P
4304736292	WHB 12-36E	NWSW	36	100S	190E	ML-42175	15116	State	GW	P
4304736666	KINGS CANYON 1-32E	NENE	32	100S	190E	ML-47058	14958	State	GW	P
4304736667	KINGS CANYON 10-36D	NWSE	36	100S	180E	ML-047058	14959	State	GW	P
4304737034	AP 15-2J	SWSE	02	110S	190E	ML-36213	15778	State	GW	P
4304737035	AP 10-2J	NWSE	02	110S	190E	ML-36213	16029	State	GW	S
4304737036	AP 9-2J	NESE	02	110S	190E	ML-36213	15881	State	GW	P
4304737037	AP 8-2J	SENE	02	110S	190E	ML-36213	15821	State	GW	P
4304737038	AP 5-2J	SWNW	02	110S	190E	ML-36213	16043	State	D	PA
4304737039	AP 3-2J	NENW	02	110S	190E	ML-36213	15910	State	GW	P
4304737040	AP 2-2J	NWNE	02	110S	190E	ML-36213	99999	State	GW	DRL
4304737041	AP 1-2J	NENE	02	110S	190E	ML-36213	15882	State	GW	P
4304737659	KC 8-32E	SENE	32	100S	190E	ML-047059	15842	State	GW	P
4304737660	KC 9-36D	SESE	36	100S	180E	ML-047058	99999	State	GW	DRL
4304738261	KINGS CYN 2-32E	NWNE	32	100S	190E	ML-047059	15857	State	GW	DRL

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09/27/2007

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES			FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-42175					
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE					
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals.	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: STATE 15-36E			
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047341230000			
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	7410 505 333-3159 Ex	PHONE NUMBER: t	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0812 FSL 1815 FEL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 36	IP, RANGE, MERIDIAN: Township: 10.0S Range: 19.0E Meridian:	: S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	✓ ACIDIZE	☐ ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start.	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
2/16/2010	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
·	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
	OMPLETED OPERATIONS. Clearly show all pe		olumes, etc.			
XTO Energy Inc. ha	as acidized this well per the a	ttached summary report.	Nonember I but the			
			Accepted by the Utah Division of			
			I, Gas and Mining			
			,			
		FOR	R RECORD ONLY			
NAME (DI FACE DOTAIT)	DUONE NUMBER	D TTT1 F				
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBE 505 333-3642	R TITLE Regulatory Compliance Tech				
SIGNATURE		DATE 2/17/2010				
N/A		2/17/2010				

EXECUTIVE SUMMARY REPORT

2/12/2010 - 2/17/2010 Report run on 2/17/2010 at 3:24 PM

State 15-36E

Section 3	K_10G_10F	IIintah	II+ ah	Roosevelt

	Section 30-105-19E, Olincan, Ocan, Roosevelt
2/12/2010	MIRU Production Logging Services SLU. Bd tbg. RU & RIH w/fishing tls. SN @ 7,758'. Latch and pull BHBS from SN. POH LD BHBS & fishing tls. RU & RIH w/1.625" BB, tgd fill @ 8,013' FS. POH & LD 1.625" BB. RU & RIH 1.908" tbg broach to SN, no tight spots found. POH & LD 1.908" tbg broach. SITP 150 psig, SICP 295 psig. SWI, RDMO Production Logging Services SLU. Suspend test data pending acid job.
2/15/2010	MIRU FracTech Services. NU to csg. PT line to 3,000 psig, good test. Pmp 250 gal 15% HCL acid w/additives, flush w/5 bbls 2% KCL w/additives. Wait 30 min. Pmp 250 gal 15% HCL acid w/additives, flush w/30 bbls 2% KCL w/additives. ND from csg, NU to tbg. PT line to 3,000 psig, good test. Pmp 250 gal 15% acid w/additives, flush w/30 bbl s 2% KCL w/additives. ND from tbg. SWI, RDMO FracTech Services. Suspend Test Data pending swab.
2/16/2010	MIRU D&S Swabbing SWU. Bd tbg. Drpd new Ferguson BHBS w/SV. RU & RIH w/swb tls. Chase BHBS to SN. SN @ 7,758'. BFL @ 6,900' FS. 0 BO, 4 BW. 2 runs, 4 hrs. KO well flwg. FFL @ SN. SITP 390 psig, SICP 425 psig. RWTP @ 4:00

pm, 2/16/10. RDMO D&S Swabbing SWU. Final Report, Start Test Data.

Sundry Number: 59088 API Well Number: 43047341230000

			FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-42175					
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: STATE 15-36E			
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047341230000					
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0812 FSL 1815 FEL		COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWSE Section: 3	an: S	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION					
	✓ ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
12/9/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT						
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. performed an acid treatment on this well per the following: 12/5/2014: MIRU SLU. RU & RIH w/ fishing tls. Tgd @ SN. POH. Rec plngr. RIH w/ fishing tls. Tgd @ SN. POH. Rec BHBS w/SV. RU & RIH w/ BB. Tgd @ 7,922' POH. RU & RIH w/ tbg broach. Tgd @ SN. POH. No ti spts. RWTP 12/05/14. RDMO SLU. 12/8/2014: MIRU acid pmp trk. Pmp 500 gal 15% HCL acid dwn csg. Pmp 35 bbl TFW flush dwn csg. Pmp 250 gal 15% HCL acid dwn tbg. Pmp 40 bbls TFW flush dwn tbg. SITP 0 psig. SICP 60 psig. SWIFPBU. RDMO pmp trk. 12/9/2014: MIRU SWU. RU & RIH w/swb tls. Swab 9 runs (10 hrs). Well KO flwg. Dropd BHBS/SV & plngr. Cycld plngr to surf & RWTP 12/09/14. RDMO SWU.						
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBI 303-397-3736	Regulatory Analyst				
SIGNATURE N/A		DATE 12/17/2014				